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potentially responsible parties to undertake response actions.

(e) Because state and local public safety organizations would normally be the first government representatives at the scene of a discharge or release, they are expected to initiate public safety measures that are necessary to protect the public health and welfare and that are consistent with containment and cleanup requirements in the NCP, and are responsible for directing evacuations pursuant to existing state or local procedures.

[59 FR 47473, Sept. 15, 1994]

PART 302—DESIGNATION, REPORTABLE QUANTITIES, AND NOTIFICATION

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AUTHORITY: 42 U.S.C. 9602, 9603, and 9604; 33 U.S.C. 1321 and 1361.

SOURCE: 50 FR 13474, Apr. 4, 1985, unless otherwise noted.

§ 302.1 Applicability.

This regulation designates under section 102(a) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (“the Act”) those substances in the statutes referred to in section 101(14) of the Act, identifies reportable quantities for these substances, and sets forth the notification requirements for releases of these substances. This regulation also sets forth reportable quantities for hazardous substances designated under section 311(b)(2)(A) of the Clean Water Act.

§ 302.2 Abbreviations.

- CASRN=Chemical Abstracts Service Registry Number
- RCRA=Resource Conservation and Recovery Act of 1976, as amended
- lb=pound
- kg=kilogram
- RQ=reportable quantity

40 CFR Ch. I (7-1-01 Edition)

§ 302.3 Definitions.

As used in this part, all terms shall have the meaning set forth below:

The Act, *CERCLA*, or *Superfund* means the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (Pub. L. 96-510);

Administrator means the Administrator of the United States Environmental Protection Agency (“EPA”);

Consumer product shall have the meaning stated in 15 U.S.C. 2052;

Environment means (1) the navigable waters, the waters of the contiguous zone, and the ocean waters of which the natural resources are under the exclusive management authority of the United States under the Fishery Conservation and Management Act of 1976, and (2) any other surface water, ground water, drinking water supply, land surface or subsurface strata, or ambient air within the United States or under the jurisdiction of the United States;

Facility means (1) any building, structure, installation, equipment, pipe or pipeline (including any pipe into a sewer or publicly owned treatment works), well, pit, pond, lagoon, impoundment, ditch, landfill, storage container, motor vehicle, rolling stock, or aircraft, or (2) any site or area where a hazardous substance has been deposited, stored, disposed of, or placed, or otherwise come to be located; but does not include any consumer product in consumer use or any vessel;

Hazardous substance means any substance designated pursuant to 40 CFR part 302;

Hazardous waste shall have the meaning provided in 40 CFR 261.3;

Navigable waters or *navigable waters of the United States* means waters of the United States, including the territorial seas;

Offshore facility means any facility of any kind located in, on, or under, any of the navigable waters of the United States, and any facility of any kind which is subject to the jurisdiction of the United States and is located in, on, or under any other waters, other than a vessel or a public vessel;

Onshore facility means any facility (including, but not limited to, motor vehicles and rolling stock) of any kind located in, on, or under, any land or

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non-navigable waters within the United States;

Person means an individual, firm, corporation, association, partnership, consortium, joint venture, commercial entity, United States Government, State, municipality, commission, political subdivision of a State, or any interstate body;

Release means any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment, but excludes (1) any release which results in exposure to persons solely within a workplace, with respect to a claim which such persons may assert against the employer of such persons, (2) emissions from the engine exhaust of a motor vehicle, rolling stock, aircraft, vessel, or pipeline pumping station engine, (3) release of source, byproduct, or special nuclear material from a nuclear incident, as those terms are defined in the Atomic Energy Act of 1954, if such release is subject to requirements with respect to financial protection established by the Nuclear Regulatory Commission under section 170 of such Act, or for the purposes of section 104 of the Comprehensive Environmental Response, Compensation, and Liability Act or any other response action, any release of source, byproduct, or special nuclear material from any processing site designated under section 102(a)(1) or 302(a) of the Uranium Mill Tailings Radiation Control Act of 1978, and (4) the normal application of fertilizer;

Reportable quantity means that quantity, as set forth in this part, the release of which requires notification pursuant to this part;

United States include the several States of the United States, the District of Columbia, the Commonwealth of Puerto Rico, Guam, American Samoa, the United States Virgin Islands, the Commonwealth of the North-

ern Marianas, and any other territory or possession over which the United States has jurisdiction; and

Vessel means every description of watercraft or other artificial contrivance used, or capable of being used, as a means of transportation on water.

§ 302.4 Designation of hazardous substances.

(a) *Listed hazardous substances.* The elements and compounds and hazardous wastes appearing in table 302.4 are designated as hazardous substances under section 102(a) of the Act.

(b) *Unlisted hazardous substances.* A solid waste, as defined in 40 CFR 261.2, which is not excluded from regulation as a hazardous waste under 40 CFR 261.4(b), is a hazardous substance under section 101(14) of the Act if it exhibits any of the characteristics identified in 40 CFR 261.20 through 261.24.

NOTE: The numbers under the column headed "CASRN" are the Chemical Abstracts Service Registry Numbers for each hazardous substance. Other names by which each hazardous substance is identified in other statutes and their implementing regulations are provided in the "Regulatory Synonyms" column. The "Statutory RQ" column lists the RQs for hazardous substances established by section 102 of CERCLA. The "Statutory Code" column indicates the statutory source for designating each substance as a CERCLA hazardous substance: "1" indicates that the statutory source is section 311(b)(4) of the Clean Water Act, "2" indicates that the source is section 307(a) of the Clean Water Act, "3" indicates that the source is section 112 of the Clean Air Act, and "4" indicates that the source is RCRA section 3001. The "RCRA Waste Number" column provides the waste identification numbers assigned to various substances by RCRA regulations. The column headed "Category" lists the code letters "X," "A," "B," "C," and "D," which are associated with reportable quantities of 1, 10, 100, 1000, and 5000 pounds, respectively. The "Pounds (kg)" column provides the reportable quantity adjustment for each hazardous substance in pounds and kilograms.

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES
 [Note: All Comments/Notes Are Located at the End of This Table]

Hazardous substance	CASRN	Regulatory synonyms	Statutory		Final RQ	
			RQ	Code †	RCRA waste Number	Category
Acenaphthene	83329	.....	1*	2		B 100 (45.4)
Acenaphthylene	208968	.....	1*	2		D 5000 (2270)
Acetaldehyde	75070	Ethanal	1000	1,3,4	U001	C 1000 (454)
Acetaldehyde, chloro-	107200	Chloroacetaldehyde	1*	4	P023	C 1000 (454)
Acetaldehyde, trichloro-	75876	Chloral	1*	4	U034	D 5000 (2270)
Acetamide	60355	.....	1*	3		B 100 (45.4)
Acetamide, N-(aminothioxomethyl)-	591082	1-Acetyl-2-thiourea	1*	4	P002	C 1000 (454)
Acetamide, N-(4-ethoxyphenyl)-	62442	Phenacetin	1*	4	U187	B 100 (45.4)
Acetamide, 2-fluoro-	640197	Fluoroacetamide	1*	4	P057	B 100 (45.4)
Acetamide, N-9H-fluoren-2-yl-	53963	2-Acetylaminofluorene	1*	3,4	U005	X 1 (0.454)
Acetic acid	64197	.....	1000	1		D 5000 (2270)
Acetic acid (2,4-dichlorophenoxy)-, salts & esters	94757	2,4-D Acid, 2,4-D salts and esters	100	1,3,4	U240	B 100 (45.4)
Acetic acid, Lead(2+) salt	301042	Lead acetate	5000	1,4	U144	A 10 (4.54)
Acetic acid, thallium (1+) salt	563688	Thallium(I) acetate	1*	4	U214	B 100 (45.4)
Acetic acid, (2,4,5-trichlorophenoxy)	93765	2,4,5-T 2,4,5-T acid	100	1,4	U232	C 1000 (454)
Acetic acid, ethyl ester	141786	Ethyl acetate	1*	4	U112	D 5000 (2270)
Acetic acid, fluoro-, sodium salt	62748	Fluoroacetic acid, sodium salt	1*	4	P058	A 10 (4.54)
Acetic anhydride	108247	.....	1000	1		D 5000 (2270)
Acetone	67641	2-Propanone	1*	4	U002	D 5000 (2270)
Acetone cyanohydrin	75865	Propanenitrile, 2-hydroxy-2-methyl-2- Methylacetonitrile.	10	1,4	P069	A 10 (4.54)
Acetonitrile	75058	.....	1*	3,4	U003	D 5000 (2270)
Acetophenone	98862	Ethanone, 1-phenyl-	1*	3,4	U004	D 5000 (2270)
2-Acetylaminofluorene	53963	Acetamide, N-9H-fluoren-2-yl-	1*	3,4	U005	X 1 (0.454)
Acetyl bromide	506967	.....	5000	1		D 5000 (2270)
Acetyl chloride	75365	.....	5000	1,4	U006	D 5000 (2270)
1-Acetyl-2-thiourea	591082	Acetamide, N-(aminothioxomethyl)-	1*	4	P002	C 1000 (454)
Acrolein	107028	2-Propenal	1	1,2,3,4	P003	X 1 (0.454)
Acrylamide	79061	2-Propenamide	1*	3,4	U007	D 5000 (2270)
Acrylic acid	79107	2-Propenoic acid	1*	3,4	U008	D 5000 (2270)
Acrylonitrile	107131	2-Propenenitrile	100	1,2,3,4	U009	B 100 (45.4)
Adipic acid	124049	.....	5000	1		D 5000 (2270)
Aldicarb	116063	Propanal, 2-methyl-2-(methylthio)-O- [(methylamino)carbonyl]oxime.	1*	4	P070	X 1 (0.454)
Aldrin	309002	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10- 10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha, 4alpha,4abeta,5alpha,8alpha,8beta)-.	1	1,2,4	P004	X 1 (0.454)
Allyl alcohol	107186	2-Propen-1-ol	100	1,4	P005	B 100 (45.4)

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Allyl chloride	107051		1000	1,3	P006	C	1000 (454)
Aluminum phosphide	20859738		1*	4		B	100 (45.4)
Aluminum sulfate	10043013		5000	1		D	5000 (2270)
4-Aminobiphenyl	92671		1*	3		X	1 (0.454)
5-(Aminomethyl)-3-isoxazolol	2763964	Muscimol 3(2H)-Isoxazolone, 5-(aminomethyl)-	1*	4	P007	C	1000 (454)
4-Aminopyridine	504245	4-Pyridinamine	1*	4	P008	C	1000 (454)
Amitrole	61825	1H-1,2,4-Triazol-3-amine	1*	4	U011	A	10 (4.54)
Ammonia	7664417		100	1		B	100 (45.4)
Ammonium acetate	631618		5000	1		D	5000 (2270)
Ammonium benzoate	1863634		5000	1		D	5000 (2270)
Ammonium bicarbonate	1066337		5000	1		D	5000 (2270)
Ammonium bichromate	7789095		1000	1		A	10 (4.54)
Ammonium bifluoride	1341497		5000	1		B	100 (45.4)
Ammonium bisulfite	10192300		5000	1		D	5000 (2270)
Ammonium carbamate	1111780		5000	1		D	5000 (2270)
Ammonium carbonate	506876		5000	1		D	5000 (2270)
Ammonium chloride	12125029		5000	1		D	5000 (2270)
Ammonium chromate	7788989		1000	1		A	10 (4.54)
Ammonium citrate, dibasic	3012655		5000	1		D	5000 (2270)
Ammonium fluoroborate	13826830		5000	1		D	5000 (2270)
Ammonium fluoride	12125018		5000	1		B	100 (45.4)
Ammonium hydroxide	1336216		1000	1		C	1000 (454)
Ammonium oxalate	6009707		5000	1		D	5000 (2270)
	5972736						
	14258492						
Ammonium picrate	131748	Phenol, 2,4,6-trinitro-, ammonium salt	1*	4	P009	A	10 (4.54)
Ammonium silicofluoride	16919190		1000	1		C	1000 (454)
Ammonium sulfamate	7773060		5000	1		D	5000 (2270)
Ammonium sulfide	12135761		5000	1		B	100 (45.4)
Ammonium sulfite	10196040		5000	1		D	5000 (2270)
Ammonium tartrate	14307438		5000	1		D	5000 (2270)
	3164292						
Ammonium thiocyanate	1762954		5000	1		D	5000 (2270)
Ammonium vanadate	7803556	Vanadic acid, ammonium salt	1*	4	P119	C	1000 (454)
Amyl acetate	628637		1000	1		D	5000 (2270)
iso-Amyl acetate	123922						
sec-Amyl acetate	626380						
tert-Amyl acetate	625161						
Aniline	62533	Benzenamine	1000	1,3,4	U012	D	5000 (2270)
o-Anisidine	90040		1*	3		B	100 (45.4)
Anthracene	120127		1*	2		D	5000 (2270)
Antimony [‡]	7440360		1*	2		D	5000 (2270)
ANTIMONY AND COMPOUNDS	N.A.	Antimony Compounds	1*	2,3			**
Antimony Compounds	N.A.	ANTIMONY AND COMPOUNDS	1*	2,3			**
Antimony pentachloride	7647189		1000	1		C	1000 (454)
Antimony potassium tartrate	28300745		1000	1		B	100 (45.4)
Antimony tribromide	7789619		1000	1		C	1000 (454)
Antimony trichloride	10025919		1000	1		C	1000 (454)
Antimony trifluoride	7783564		1000	1		C	1000 (454)
Antimony trioxide	1309644		5000	1		C	1000 (454)

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued
 [Note: All Comments/Notes Are Located at the End of This Table]

Hazardous substance	CASRN	Regulatory synonyms	Statutory		Final RQ	
			RQ	Code †	RCRA waste Number	Category
Argentate(1-), bis(cyano-C)-, potassium	506616	Potassium silver cyanide	1*	4		
Aroclor 1016	12674112	Aroclors	10	1,2,3	P099	X
		PCBs				X
Aroclor 1221	11104282	POLYCHLORINATED BIPHENYLS	10	1,2,3		
		Aroclors				X
		PCBs				1 (0.454)
Aroclor 1232	11141165	POLYCHLORINATED BIPHENYLS	10	1,2,3		
		Aroclors				X
		PCBs				1 (0.454)
Aroclor 1242	53469219	POLYCHLORINATED BIPHENYLS	10	1,2,3		
		Aroclors				X
		PCBs				1 (0.454)
Aroclor 1248	12672296	POLYCHLORINATED BIPHENYLS	10	1,2,3		
		Aroclors				X
		PCBs				1 (0.454)
Aroclor 1254	11097691	POLYCHLORINATED BIPHENYLS	10	1,2,3		
		Aroclors				X
		PCBs				1 (0.454)
Aroclor 1260	11096825	POLYCHLORINATED BIPHENYLS	10	1,2,3		
		Aroclors				X
		PCBs				1 (0.454)
Aroclors	1336363	POLYCHLORINATED BIPHENYLS	10	1,2,3		
		PCBs				X
		POLYCHLORINATED BIPHENYLS				1 (0.454)
Aroclor 1016	12674112		10	1,2,3		
Aroclor 1221	11104282		10	1,2,3		
Aroclor 1232	11141165		10	1,2,3		
Aroclor 1242	53469219		10	1,2,3		
Aroclor 1248	12672296		10	1,2,3		
Aroclor 1254	11097691		10	1,2,3		
Aroclor 1260	11096825		10	1,2,3		
Arsenic ‡	7440382		1*	2,3		
Arsenic acid	1327522	Arsenic acid H ₃ AsO ₄	1*	4	P010	X
	7778394					
Arsenic acid H ₃ AsO ₄	1327522	Arsenic acid	1*	4	P010	X
	7778394					
ARSENIC AND COMPOUNDS	N.A.	Arsenic Compounds (inorganic including arsenic)	1*	2,3		..
Arsenic Compounds (inorganic including arsine)	N.A.	ARSENIC AND COMPOUNDS	1*	2,3		..
Arsenic disulfide	1303328		5000	1		X
Arsenic oxide As ₂ O ₃	1327533	Arsenic trioxide	5000	1,4	P012	X
						1 (0.454)
						1 (0.454)

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Arsenic oxide As ₂ O ₅	1303282	Arsenic pentoxide	5000	1,4	P011	X	1 (0.454)
Arsenic pentoxide	1303282	Arsenic oxide As ₂ O ₅	5000	1,4	P011	X	1 (0.454)
Arsenic trichloride	7784341	.....	5000	1		X	1 (0.454)
Arsenic trioxide	1327533	Arsenic oxide As ₂ O ₃	5000	1,4	P012	X	1 (0.454)
Arsenic trisulfide	1303339	.....	5000	1		X	1 (0.454)
Arsine, diethyl-	692422	Diethylarsine	1*	4	P038	X	1 (0.454)
Arsinic acid, dimethyl-	75605	Cacodylic acid	1*	4	U136	X	1 (0.454)
Arsonous dichloride, phenyl-	696286	Dichlorophenylarsine	1*	4	P036	X	1 (0.454)
Asbestos ‡†	1332214	.....	1*	2,3		X	1 (0.454)
Auramine	492808	Benzaminine, 4,4'-carbonimidoyl bis (N,N-dimethyl-).	1*	4	U014	B	100 (45.4)
Azaserine	115026	L-Serine, diazoacetate (ester)	1*	4	U015	X	1 (0.454)
Aziridine	151564	Ethyleneimine	1*	3,4	P054	X	1 (0.454)
Aziridine, 2-methyl-	75558	2-Methyl aziridine 1,2-Propylenimine	1*	3,4	P067	X	1 (0.454)
Azirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione,6-amino-8-methyl-[1aS-(1aalpha,8beta,8alpha,8balpha)].	50077	Mitomycin C	1*	4	U010	A	10 (4.54)
Barium cyanide	542621	.....	10	1,4	P013	A	10 (4.54)
Benz[i]aceanthrylene, 1,2-dihydro-3-methyl-	56495	3-Methylcholanthrene	1*	4	U157	A	10 (4.54)
Benz[c]acridine	225514	.....	1*	4	U016	B	100 (45.4)
Benzal chloride	98873	Benzene, dichloromethyl-	1*	4	U017	D	5000 (2270)
Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-	23950585	Pronamide	1*	4	U192	D	5000 (2270)
Benz[a]anthracene	56553	Benz[a]anthracene	1*	2,4	U018	A	10 (4.54)
1,2-Benzanthracene	56553	1,2-Benzanthracene	1*	2,4	U018	A	10 (4.54)
Benz[a]anthracene, 7,12-dimethyl-	57976	Benz[a]anthracene	1*	4	U094	X	1 (0.454)
Benzenamine	62533	Aniline	1000	1,3,4	U012	D	5000 (2270)
Benzenamine, 4,4'-carbonimidoyl bis (N,N-dimethyl-).	492808	Auramine	1*	4	U014	B	100 (45.4)
Benzenamine, 4-chloro-	106478	p-Chloroaniline	1*	4	P024	C	1000 (454)
Benzenamine, 4-chloro-2-methyl-, hydrochloride	3165933	4-Chloro-o-toluidine, hydrochloride	1*	4	U049	B	100 (45.4)
Benzenamine, N,N-dimethyl-4-(phenylazo)-	60117	Dimethyl aminoazobenzene	1*	3,4	U093	A	10 (4.54)
Benzenamine, 2-methyl-	95534	p-Dimethylaminoazobenzene	1*	3,4	U328	B	100 (45.4)
Benzenamine, 4-methyl-	106490	o-Toluidine	1*	4	U353	B	100 (45.4)
Benzenamine, 4,4'-methylenebis(2-chloro-).	101144	p-Toluidine	1*	3,4	U158	A	10 (4.54)
Benzenamine, 2-methyl-, hydrochloride	636215	4,4'-Methylenebis(2-chloroaniline)	1*	4	U222	B	100 (45.4)
Benzenamine, 2-methyl-5-nitro-	99558	o-Toluidine hydrochloride	1*	4	U181	B	100 (45.4)
Benzenamine, 4-nitro-	100016	5-Nitro-o-toluidine	1*	4	P077	D	5000 (2270)
Benzene ^a	71432	p-Nitroaniline	1000	1,2,3,4	U109	A	10 (4.54)
Benzeneacetic acid, 4-chloro- α -(4-chlorophenyl)- α -hydroxy-, ethyl ester	510156	Chlorobenzilate	1*	3,4	U038	A	10 (4.54)
Benzene, 1-bromo-4-phenoxy-	101553	4-Bromophenyl phenyl ether	1*	2,4	U030	B	100 (45.4)
Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]-	305033	Chlorambucil	1*	4	U035	A	10 (4.54)
Benzene, chloro-	108907	Chlorobenzene	100	1,2,3,4	U037	B	100 (45.4)
Benzene, chloromethyl-	100447	Benzyl chloride	100	1,3,4	P028	B	100 (45.4)
Benzenediamine, ar-methyl-	95807	Toluenediamine	1*	3,4	U221	A	10 (4.54)
496720	2,4-Toluene diamine						
823405	.....					
25376458	Di-n-octyl phthalate	1*	2,4	U107	D	5000 (2270)	
1,2-Benzenedicarboxylic acid, dioctyl ester	117840	.....				

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued
 [Note: All Comments/Notes Are Located at the End of This Table]

Hazardous substance	CASRN	Regulatory synonyms	Statutory		Final RQ		
			RQ	Code †	RCRA waste Number	Category	
1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester	117817	Bis(2-ethylhexyl)phthalate DEHP	1*	2,3,4	U028	B	100 (45.4)
1,2-Benzenedicarboxylic acid, dibutyl ester	84742	Diethylhexyl phthalate n-Butyl phthalate Dibutyl phthalate Di-n-butyl phthalate	100	1,2,3,4	U069	A	10 (4.54)
1,2-Benzenedicarboxylic acid, diethyl ester	84662	Diethyl phthalate	1*	2,4	U088	C	1000 (454)
1,2-Benzenedicarboxylic acid, dimethyl ester	131113	Dimethyl phthalate	1*	2,3,4	U102	D	5000 (2270)
Benzene, 1,2-dichloro-	95501	o-Dichlorobenzene	100	1,2,4	U070	B	100 (45.4)
Benzene, 1,3-dichloro-	541731	1,2-Dichlorobenzene	1*	2,4	U071	B	100 (45.4)
Benzene, 1,4-dichloro-	106467	m-Dichlorobenzene	100	1,2,3,4	U072	B	100 (45.4)
Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro-	72548	1,4-Dichlorobenzene	1	1,2,4	U060	X	1 (0.454)
Benzene, dichloromethyl-	98873	TDE	1*	4	U017	D	5000 (2270)
Benzene, 1,3-diisocyanatomethyl-	91087	4,4'DDD	1*	3,4	U223	B	100 (45.4)
Benzene, dimethyl-	584849	Benzal chloride	1000	1,3,4	U239	B	100 (45.4)
Benzene, m-dimethyl-	26471625	Toluene diisocyanate	1000	1,3,4	U239	B	100 (45.4)
Benzene, o-dimethyl-	1330207	2,4-Toluene diisocyanate	1000	1,3,4	U239	B	100 (45.4)
Benzene, p-dimethyl-	108383	Xylene	1000	1,3,4	U239	B	100 (45.4)
Benzene, 1,3-Benzenediol	95476	Xylene (mixed)	1000	1,3,4	U239	B	100 (45.4)
Benzene, 1,2-Benzenediol,4-[1-hydroxy-2-(methylamino)ethyl]-	106423	Xylenes (isomers and mixture)	1000	1,3,4	U239	B	100 (45.4)
Benzeneethanamine, alpha,alpha-dimethyl-	108463	m-Xylene	1000	1,3,4	U201	D	5000 (2270)
Benzene, hexachloro-	51434	o-Xylene	1000	1,3,4	U127	A	10 (4.54)
Benzene, hexahydro-	122098	p-Xylene	1000	1,3,4	U127	A	10 (4.54)
Benzene, hydroxy-	118741	Resorcinol	1000	1,3,4	U127	A	10 (4.54)
Benzene, methyl-	110827	Epinephrine	1000	1,3,4	U127	A	10 (4.54)
Benzene, 2-methyl-1,3-dinitro-	108952	alpha,alpha-Dimethylphenethylamine	1000	1,3,4	U127	A	10 (4.54)
Benzene, 1-methyl-2,4-dinitro-	108883	Hexachlorobenzene	1000	1,3,4	U127	A	10 (4.54)
Benzene, (1-methylethyl)-	606202	Cyclohexane	1000	1,3,4	U056	C	1000 (454)
Benzene, nitro-	121142	Phenol	1000	1,3,4	U188	C	1000 (454)
Benzene, pentachloro-	98828	Toluene	1000	1,3,4	U220	C	1000 (454)
	98953	2,6-Dinitrotoluene	1000	1,3,4	U106	B	100 (45.4)
	608935	2,4-Dinitrotoluene	1000	1,3,4	U105	A	10 (4.54)
		Cumene	1000	1,3,4	U055	D	5000 (2270)
		Nitrobenzene	1000	1,3,4	U169	C	1000 (454)
		Pentachlorobenzene	1000	1,3,4	U183	A	10 (4.54)

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289	Benzene, pentachloronitro-	82688	PCNB	1*	3,4	U185	B	100 (45.4)
	Pentachloronitrobenzene		Quintobenzene					
	98099 Benzenesulfonic acid chloride	98099	Benzenesulfonyl chloride	1*	4	U020	B	100 (45.4)
	98099 Benzenesulfonic acid chloride	98099	Benzenesulfonyl chloride	1*	4	U020	B	100 (45.4)
	95943 1,2,4,5-tetrachloro-	95943	1,2,4,5-Tetrachlorobenzene	1*	4	U207	D	5000 (2270)
	Benzeneethyl	108985	Thiophenol	1*	4	P014	B	100 (45.4)
	Benzene, 1,1'-(2,2,2-tri- chloroethylidene)bis[4-chloro-	50293	DDT	1	1,2,4	U061	X	1 (0.454)
	4,4'DDT							
	72435 Methoxychlor	72435	Methoxychlor	1	1,3,4	U247	X	1 (0.454)
	98077 Benzotrichloride	98077	Benzotrichloride	1*	3,4	U023	A	10 (4.54)
	Benzene, 1,3,5-trinitro-	99354	1,3,5-Trinitrobenzene	1*	4	U234	A	10 (4.54)
	Benzidine	92875	[1,1'-Biphenyl]-4,4'-diamine	1*	2,3,4	U021	X	1 (0.454)
	1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide	81072	Saccharin and salts	1*	4	U202	B	100 (45.4)
	Benz[a]anthracene	56553	Benz[a]anthracene	1*	2,4	U018	A	10 (4.54)
	1,2-Benzanthracene							
	205992	205992	.....	1*	2		X	1 (0.454)
	Benzo[b]fluoranthene	207089	.....	1*	2		D	5000 (2270)
	Benzo[k]fluoranthene	206440	Fluoranthene	1*	2,4	U120	B	100 (45.4)
	Benzo[j,k]fluorene	22961826	.....	1*	4	U364		##
	1,3-Benzodioxol-4-ol, 2,2-dimethyl-, (Bendiocarb phenol)	22781233	.....	1*	4	U278		##
	1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate (Bendiocarb)	120581	Isosafrole	1*	4	U141	B	100 (45.4)
	1,3-Benzodioxole, 5-1-propenyl-	94597	Safrole	1*	4	U203	B	100 (45.4)
	1,3-Benzodioxole, 5-(2-propenyl)-	94586	Dihydrosafrole	1*	4	U090	A	10 (4.54)
	1,3-Benzodioxole, 5-propyl-	1563388	.....	1*	4	U367		##
	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl- (Carbofuran phenol)	65850	5000	5000	1		D	5000 (2270)
	Benzoic acid	57647	.....	1*	4	P188		##
	Benzoinitrile	100470	.....	1000	1		D	5000 (2270)
	Benzene [st]pentaphene	189559	Dibenz[a,i]pyrene	1*	4	U064	A	10 (4.54)
	Benzog[ghi]perylene	191242	.....	1*	2		D	5000 (2270)
	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenyl-butyl)-, & salts, when present at concentrations greater than 0.3%	81812	Warfarin, & salts, when present at concentrations greater than 0.3%.	1*	4	P001	B	100 (45.4)
	Benzol[a]pyrene	50328	3,4-Benzopyrene	1*	2,4	U022	X	1 (0.454)
	3,4-Benzopyrene	50328	Benzol[a]pyrene	1*	2,4	U022	X	1 (0.454)
	p-Benzoquinone	106514	2,5-Cyclohexadiene-1,4-dione	1*	3,4	U197	A	10 (4.54)
	Quinone							
	98077 Benzene, (trichloromethyl)-	98077	Benzene, (trichloromethyl)-	1*	3,4	U023	A	10 (4.54)
	Benzoyl chloride	98884	.....	1000	1		C	1000 (454)
	1,2-Benzphenanthrene	218019	Chrysene	1*	2,4	U050	B	100 (45.4)
	Benzyl chloride	100447	Benzene, chloromethyl-	100	1,3,4	P028	B	100 (45.4)
	BERYLLIUM AND COMPOUNDS	N.A.	Beryllium Compounds	1*	2,3			**
	Beryllium Compounds	N.A.	BERYLLIUM AND COMPOUNDS	1*	2,3			**
	Beryllium chloride	7787475	.....	5000	1		X	1 (0.454)
	Beryllium fluoride	7787497	.....	5000	1		X	1 (0.454)
	Beryllium nitrate	13597994	.....	5000	1		X	1 (0.454)
	Beryllium powder ‡	7787555	.....	1*	2,3,4	P015	A	10 (4.54)
	alpha—BHC	7440417	Beryllium ‡	1*	2		A	10 (4.54)
		319846						

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued
 [Note: All Comments/Notes Are Located at the End of This Table]

Hazardous substance	CASRN	Regulatory synonyms	Statutory		Final RQ	
			RQ	Code †	RCRA waste Number	Category
beta—BHC	319857	.....	1*	2		X
delta—BHC	319868	.....	1*	2		X
gamma—BHC	58899	Cyclohexane, 1,2,3,4,5,6-hexa chloro- (1α, 2α, 3β,4α,5α,6β)-. Hexachlorocyclohexane (gamma isomer) Lindane	1	1,2,3,4	U129	X
2,2'-Bioxirane	1464535	1,2,3,4-Diepoxybutane	1*	4	U085	A
(1,1'-Biphenyl)-4,4'diamine	92875	Benzidine	1*	2,4	U021	X
[1,1'-Biphenyl]-4,4'diamine,3,3'dichloro-	91941	3,3'-Dichlorobenzidine	1*	2,4	U073	X
[1,1'-Biphenyl]-4,4'diamine,3,3'dimethoxy-	119904	3,3'-Dimethoxybenzidine	1*	4	U091	B
[1,1'Biphenyl]-4,4'-diamine,3,3'-dimethyl-	119937	3,3'-Dimethylbenzidine	1*	4	U095	A
Biphenyl	92524	.....	1*	3		B
Bis (2-chloroethyl) ether	111444	Dichloroethyl ether	1*	2,4	U025	A
Bis(2-chloroethoxy) methane	111911	Ethane,1,1'-oxybis[2-chloro- Dichloromethoxy ethane	1*	2,4	U024	C
Bis (2-ethylhexyl)phthalate	117817	Ethane, 1,1'-[methylenebis(oxy)]bis(2-chloro- Diethylhexyl phthalate	1*	2,4	U028	B
Bromoacetone	598312	2-Propanone, 1-bromo-	1*	4	P017	C
Bromoform	75252	Methane, tribromo-	1*	2,4	U225	B
4-Bromophenyl phenyl ether	101553	Benzene, 1-bromo-4-phenoxy-	1*	2,4	U030	B
Brucine	357573	Strychnidin-10-one, 2,3-dimethoxy-	1*	4	P018	B
1,3-Butadiene, 1,1,2,3,4,4-hexachloro-	87683	Hexachlorobutadiene	1*	2,4	U128	X
1,3-Butadiene	106990	.....	1*	3		A
1-Butanamine, N-butyl-N-nitroso-	924163	N-Nitrosodi-n-butylamine	1*	4	U172	A
1-Butanol	71363	n-Butyl alcohol	1*	4	U031	D
2-Butanone	78933	MEK	1*	3,4	U159	D
2-Butanone peroxide	1338234	Methyl ethyl ketone	1*	4	U160	A
2-Butanone, 3,3-dimethyl-1-(methylthio)-, O[(methylamino)carbonyl] oxime.	39196184	Methyl ethyl ketone peroxide	1*	4	P045	B
2-Butenal	123739	Crotonaldehyde	100	1,4	U053	B
2-Butene, 1,4-dichloro-	4170303	.....				100 (45.4)
2-Butenoic acid, 2-methyl-, 7[[2,3-dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy]methyl]-2,3,5,7a-tetrahydro-1H-pyrrolizin-1-yl ester, [1S-[1alpha(Z),7(2S*,3R*),7aalpha]]-	764410	1,4-Dichloro-2-butene	1*	4	U074	X
Butyl acetate	303344	Lasiocarpine	1*	4	U143	A
iso-Butyl acetate	123864	.....	5000	1		D
sec-Butyl acetate	110190					5000 (2270)
	105464					

tert-Butyl acetate	540885						
n-Butyl alcohol	71363	1-Butanol	1*	4	U031	D	5000 (2270)
Butylamine	109739	.....	1000	1		C	1000 (454)
iso-Butylamine	78819						
sec-Butylamine	513495						
13952846							
tert-Butylamine	75649						
Butyl benzyl phthalate	85687	1,2-Benzenedicarboxylic acid, dibutyl ester	1*	2	U069	B	100 (45.4)
η-Butyl phthalate	84742	Dibutyl phthalate Di-n-butyl phthalate	100	1,2,3,4		A	10 (4.54)
Butyric acid	107926	.....	5000	1		D	5000 (2270)
iso-Butyric acid	79312						
Cacodylic acid	75605	Arsinic acid, dimethyl-	1*	4	U136	X	1 (0.454)
Cadmium ‡	7440439	.....	1*	2		A	10 (4.54)
Cadmium acetate	543908	.....	100	1		A	10 (4.54)
CADMIUM AND COMPOUNDS	N.A.	Cadmium Compounds	1*	2,3			**
Cadmium Compounds	N.A.	CADMIUM AND COMPOUNDS	1*	2,3			**
Cadmium bromide	7789426	.....	100	1		A	10 (4.54)
Cadmium chloride	10108642	.....	100	1		A	10 (4.54)
Calcium arsenate	7778441	.....	1000	1		X	1 (0.454)
Calcium arsenite	52740166	.....	1000	1		X	1 (0.454)
Calcium carbide	75207	.....	5000	1		A	10 (4.54)
Calcium chromate	13765190	Chromic acid H ₂ CrO ₄ , calcium salt	1000	1,4	U032	A	10 (4.54)
Calcium cyanamide	156627	.....	1*	3		C	1000 (454)
Calcium cyanide	592018	Calcium cyanide Ca(CN)2	10	1,4	P021	A	10 (4.54)
Calcium cyanide Ca(CN)2	592018	Calcium cyanide	10	1,4	P021	A	10 (4.54)
Calcium dodecylbenzenesulfonate	26264062	.....	1000	1		C	1000 (454)
Calcium hypochlorite	7778543	.....	100	1		A	10 (4.54)
Campheine, octachloro-	8001352	Chlorinated camphene	1	1,2,3,4	P123	X	1 (0.454)
Captan	133062	Toxaphene	10	1,3		A	10 (4.54)
Carbamic acid, [1-[(butylamino)carbonyl]-1H-benzimidazol-2-yl, methyl ester (Benzomyl).]	17804352	.....	1*	4	U271		##
Carbamic acid, 1H-benzimidazol-2-yl, methyl ester (Carbendazim)	10605217	.....	1*	4	U372		##
Carbamic acid, (3-chlorophenyl)-, 4-chloro-2-butynyl ester (Barban)	101279	.....	1*	4	U280		##
Carbamic acid, [(dibutylamino)thio]methyl-, 2,3-dihydro-2,2-dimethyl-7-benzofuranyl ester (Carbosulfan).	55285148	.....	1*	4	P189		##
Carbamic acid, dimethyl-, 1-[(dimethylamino)carbonyl]-5-methyl-1H-pyrazol-3-yl ester (Dimetilan).	644644	.....	1*	4	P191		##
Carbamic acid, dimethyl-, 3-methyl-1-(1-methylethyl)-1H-pyrazol-5-yl ester (Isolan).	119380	.....	1*	4	P192		##
Carbamic acid, ethyl ester	51796	Ethyl carbamate	1*	3,4	U238	B	100 (45.4)
Carbamic acid, methylnitroso-, ethyl ester	615532	Urethane	1*	4	U178	X	1 (0.454)
Carbamic acid, methyl-, 3-methylphenyl ester (Metolcarb)	1129415	N-Nitroso-N-methylurethane	1*	4	P190		##
Carbamic acid, [1,2- phenylenebis(iminocarbonothioyl)]bis-, dimethyl ester (Thiophanate-methyl).	23564058	.....	1*	4	U409		##
Carbamic acid, phenyl-, 1-methylethyl ester (Propham)	122429	.....	1*	4	U373		##
Carbamic chloride, dimethyl-	79447	Dimethylcarbamoyl chloride	1*	3,4	U097	X	1 (0.454)

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued
 [Note: All Comments/Notes Are Located at the End of This Table]

Hazardous substance	CASRN	Regulatory synonyms	Statutory		Final RQ	
			RQ	Code †	RCRA waste Number	Category
Carbamodithioic acid, 1,2-ethanediylibis, salts & esters	111546	Ethylenebisdithiocarbamic acid, salts & esters ..	1*	4	U114	D
Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester	2303164	Diallate	1*	4	U062	B
Carbamothioic acid, bis(1-methylethyl)-, S-(2,3,3-trichloro-2-propenyl) ester (Triallate).	2303175	.....	1*	4	U389	##
Carbamothioic acid, dipropyl-, S-(phenylmethyl) ester (Prosulfocarb)	52888809	.....	1*	4	U387	##
Carbaryl	63252	.....	100	1,3		B
Carbofuran	1563662	.....	10	1		A
Carbon disulfide	75150	.....	5000	1,3,4	P022	B
Carbon oxyfluoride	353504	Carbonic difluoride	1*	4	U033	C
Carbonic acid, dithallium(1+) salt	6533739	Thallium(I) carbonate	1*	4	U215	B
Carbonic dichloride	75445	Phosgene	5000	1,3,4	P095	A
Carbonic difluoride	353504	Carbon oxyfluoride	1*	4	U033	C
Carbonochloridic acid, methyl ester	79221	Methyl chlorocarbonate	1*	4	U156	C
Carbon tetrachloride	56235	Methyl chloroformate	5000	1,2,3,4	U211	A
Carbonyl sulfide	463581	Methane, tetrachloro-	1*	3		B
Catechol	120809	.....	1*	3		B
Chloral	75876	Acetaldehyde, trichloro-	1*	4	U034	D
Chloramben	133904	.....	1*	3		B
Chlorambucil	305033	Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]-..	1*	4	U035	A
Chlordane	57749	Chlordane, alpha & gamma isomers	1	1,2,3,4	U036	X
CHLORDANE (TECHNICAL MIXTURE AND METABOLITES)	N.A.	CHLORDANE (TECHNICAL MIXTURE AND METABOLITES)				1 (0.454)
Chlordane, alpha & gamma isomers	57749	4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-.....	1*	2		**
CHLORDANE (TECHNICAL MIXTURE AND METABOLITES)	57749	Chlordane	1	1,2,3,4	U036	X
CHLORDANE (TECHNICAL MIXTURE AND METABOLITES)	N.A.	CHLORDANE (TECHNICAL MIXTURE AND METABOLITES)				1 (0.454)
CHLORINATED BENZENES	8001352	4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-.....	1	1,2,3,4	U036	X
Chlorinated camphene	8001352	Chlordane, alpha & gamma isomers	1	1,2,3,4		1 (0.454)
CHLORINATED ETHANES	N.A.	Chlordane, alpha & gamma isomers	1*	2		**
		4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-.....	1	1,2,3,4	P123	X
		Camphene, octachloro-	1	1,2,3,4		1 (0.454)
		Toxaphene	1*	2		**

CHLORINATED NAPHTHALENE	N.A.	.....	1*	2			**
CHLORINATED PHENOLS	N.A.	.....	1*	2			**
Chlorine	7782505	.....	10	1,3	A	10 (4.54)	
Chlornaphazine	494031	Naphthalenamine, N,N'-bis(2-chloroethyl)-	1*	4	P026	B	100 (45.4)
Chloroacetaldehyde	107200	Acetaldehyde, chloro-	1*	4	P023	C	1000 (454)
Chloroacetic acid	79118	.....	1*	3		B	100 (45.4)
2-Chloroacetophenone	532274	.....	1*	3		B	100 (45.4)
CHLOROALKYL ETHERS	N.A.	.....	1*	2			**
p-Chloroaniline	106478	Benzanine, 4-chloro-	1*	4	P024	C	1000 (454)
Chlorobenzene	108907	Benzene, chloro-	100	1,2,3,4	U037	B	100 (45.4)
Chlorobenzilate	510156	Benzeneacetic acid, 4-chloro- α -(4-chlorophenyl)- α -hydroxy-, ethyl ester.	1*	3,4	U038	A	10 (4.54)
4-Chloro-m-cresol	59507	p-Chloro-m-cresol	1*	2,4	U039	D	5000 (2270)
p-Chloro-m-cresol	59507	Phenol, 4-chloro-3-methyl-	1*	2,4	U039	D	5000 (2270)
Chloroethane	75003	Phenol, 4-chloro-3-methyl-	1*	2		B	100 (45.4)
Chlorodibromomethane	124481	4-Chloro-m-cresol	1*	2		B	100 (45.4)
1-Chloro-2,3-epoxypropane	106898	Ethyl chloride	1*	2,3		B	100 (45.4)
2-Chloroethyl vinyl ether	110758	Oxirane, (chloromethyl)-	1*	2,4	U042	C	1000 (454)
Chloroform	67663	Ethene, 2-chloroethoxy-	5000	1,2,3,4	U044	A	10 (4.54)
Chloromethane	74873	Methane, trichloro-	1*	2,3,4	U045	B	100 (45.4)
Chloromethyl methyl ether	107302	Methyl chloride	1*	3,4	U046	A	10 (4.54)
beta-Chloronaphthalene	91587	Methane, chloromethoxy-	1*	2,4	U047	D	5000 (2270)
2-Chloronaphthalene	91587	Naphthalene, 2-chloro-	1*	2,4	U047	D	5000 (2270)
2-Chlorophenol	95578	2-Chloronaphthalene	1*	2,4	U047	D	5000 (2270)
o-Chlorophenol	95578	beta-Chloronaphthalene	1*	2,4	U048	B	100 (45.4)
o-Chlorophenol	95578	Naphthalene, 2-chloro-	1*	2,4	U048	B	100 (45.4)
4-Chlorophenyl phenyl ether	7005723	o-Chlorophenol	1*	2,4	U048	B	100 (45.4)
1-(o-Chlorophenyl)thiourea	5344821	Phenol, 2-chloro-	1*	2,4	U048	B	100 (45.4)
Chloroprene	126998	2-Chlorophenol	1*	2,4	U048	B	100 (45.4)
3-Chloropropionitrile	542767	Phenol, 2-chloro-	1*	2,4	U048	B	100 (45.4)
Chlorosulfonic acid	7790945	2-Chlorophenol	1*	2,4	U048	B	100 (45.4)
4-Chloro-o-toluidine, hydrochloride	3165933	4-Chlorophenyl phenyl ether	1*	2,4	U048	B	100 (45.4)
Chlorpyrifos	2921882	1-(o-Chlorophenyl)thiourea	1*	2		D	5000 (2270)
Chromic acetate	1066304	Chloroprene	1*	4	P026	B	100 (45.4)
Chromic acid	11115745	3-Chloropropionitrile	1*	3		B	100 (45.4)
Chromic acid H ₂ CrO ₄ , calcium salt	13765190	Chlorosulfonic acid	1*	4	P027	C	1000 (454)
Chromic sulfate	10101538	4-Chloro-o-toluidine, hydrochloride	1000	1		C	1000 (454)
Chromium‡	7440473	Benzenamine, 4-chloro-2-methyl-, hydrochloride.	1*	4	U049	B	100 (45.4)
CHROMIUM AND COMPOUNDS	N.A.	Chlorpyrifos	1	1		X	1 (0.454)
Chromium Compounds	N.A.	Chromic acetate	1000	1		C	1000 (454)
Chromous chloride	10049055	Chromic acid	1000	1		A	10 (4.54)
		Chromic acid H ₂ CrO ₄ , calcium salt	1000	1,4	U032	A	10 (4.54)
		Chromic sulfate	1000	1		C	1000 (454)
		Chromium‡	1*	2		D	5000 (2270)
		CHROMIUM AND COMPOUNDS	1*	2,3			**
		Chromium Compounds	1*	2,3			**
		CHROMIUM AND COMPOUNDS	1000	1		C	1000 (454)

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued
 [Note: All Comments/Notes Are Located at the End of This Table]

Hazardous substance	CASRN	Regulatory synonyms	Statutory		Final RQ		
			RQ	Code †	RCRA waste Number	Category	
Chrysene	218019	1,2-Benzphenanthrene	1*	2,4	U050	B	100 (45.4)
Cobalt compounds	N.A.	.....	1*	3			**
Cobaltous bromide	7789437	.....	1000	1		C	1000 (454)
Cobaltous formate	544183	.....	1000	1		C	1000 (454)
Cobaltous sulfamate	14017415	.....	1000	1		C	1000 (454)
Coke Oven Emissions	N.A.	.....	1*	3	X		1 (0.454)
Copper ‡	7440508	.....	1*	2		D	5000 (2270)
COPPER AND COMPOUNDS	N.A.	.....	1*	2			**
Copper cyanide	544923	Copper cyanide CuCN	1*	4	P029	A	10 (4.54)
Copper cyanide CuCN	544923	Copper cyanide	1*	4	P029	A	10 (4.54)
Coumaphos	56724	.....	10	1		A	10 (4.54)
Creosote	8001589	.....	1*	4	U051	X	1 (0.454)
Cresols (isomers and mixture)	1319773	Cresyllic acid (isomers and mixture)	1000	1,3,4	U052	B	100 (45.4)
m-Cresol	108394	Phenol, methyl					
o-Cresol	95487	m-Cresyllic acid	1*	3		B	100 (45.4)
p-Cresol	106445	o-Cresyllic acid	1*	3		B	100 (45.4)
Cresyllic acid (isomers and mixture)	1319773	p-Cresyllic acid	1*	3		B	100 (45.4)
m-Cresyllic acid	108394	Cresols (isomers and mixture)	1000	1,3,4	U052	B	100 (45.4)
o-Cresyllic acid	95487	Phenol, methyl					
p-Cresyllic acid	106445	m-Cresol	1*	3		B	100 (45.4)
Crotonaldehyde	123739	o-Cresol	1*	3		B	100 (45.4)
	4170303	p-Cresol	1*	3		B	100 (45.4)
Cumene	98828	2-Butenal	100	1,4	U053	B	100 (45.4)
Cupric acetate	142712	Benzene, (1-methylethyl)-	1*	3,4	U055	D	5000 (2270)
Cupric acetoarsenite	12002038	.....	100	1		B	100 (45.4)
Cupric chloride	7447394	.....	100	1	X		1 (0.454)
Cupric nitrate	3251238	.....	10	1		A	10 (4.54)
Cupric oxalate	5893663	.....	100	1		B	100 (45.4)
Cupric sulfate	7758987	.....	100	1		B	100 (45.4)
Cupric sulfate, ammoniated	10380297	.....	10	1		A	10 (4.54)
Cupric tartrate	815827	.....	100	1		B	100 (45.4)
Cyanide Compounds	N.A.	CYANIDES	1*	2,3			**
CYANIDES	N.A.	Cyanide Compounds	1*	2,3			**
Cyanides (soluble salts and complexes) not otherwise specified	57125	.....	1*	4	P030	A	10 (4.54)
Cyanogen	460195	Ethanedinitrile	1*	4	P031	B	100 (45.4)
Cyanogen bromide	506683	Cyanogen bromide (CN)Br	1*	4	U246	C	1000 (454)
Cyanogen bromide (CN)Br	506683	Cyanogen bromide	1*	4	U246	C	1000 (454)
Cyanogen chloride	506774	Cyanogen chloride (CN)Cl	10	1,4	P033	A	10 (4.54)
Cyanogen chloride (CN)Cl	506774	Cyanogen chloride	10	1,4	P033	A	10 (4.54)

2,5-Cyclohexadiene-1,4-dione	106514	p-Benzoquinone	1*	3,4	U197	A	10 (4.54)
Cyclohexane	110827	Quinone					
Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1 α ,2 α ,3 β ,4 α ,5 α ,6 β)-	58899	Benzene, hexahydro- γ -BHC	1000 1	1,4 1,2,3,4	U056 U129	C X	1000 (454) 1 (0.454)
Cyclohexanone	108941	Hexachlorocyclohexane (gamma isomer)					
2-Cyclohexyl-4,6-dinitrophenol	131895	Lindane					
1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-	77474	Lindane (all isomers)					
Cyclophosphamide	50180	.....	1*	4	U057	D	5000 (2270)
2,4-D Acid	94757	Phenol, 2-cyclohexyl-4,6-dinitro-	1*	4	P034	B	100 (45.4)
		Hexachlorocyclopentadiene	1	1,2,3,4	U130	A	10 (4.54)
		2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-2-oxide	1*	4	U058	A	10 (4.54)
		Acetic acid, (2,4-dichlorophenoxy)-, salts & esters.	100	1,3,4	U240	B	100 (45.4)
2,4-D Ester	94111 94791 94804 1320189 1928387 1928616 1929733 2971382 25168267 53467111	2,4-D, salts and esters	100	1		B	100 (45.4)
2,4-D salts and esters	94757	Acetic acid, (2,4-dichlorophenoxy)-, salts & esters.	100	1,3,4	U240	B	100 (45.4)
Daunomycin	20830813	2,4-D Acid	1*	4	U059	A	10 (4.54)
DDD	72548	5,12-Naphthacenedione, 8-acetyl-10-[3-amino-2,3,6- trideoxy-alpha-L-lyxo-hexo-pyranosyl]oxy]-7,8,9,10- tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-.	1	1,2,4	U060	X	1 (0.454)
4,4' DDD	72548	Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro- TDE 4,4' DDD Benzene, chloro- DDD TDE	1	1,2,4	U060	X	1 (0.454)
DDE	72559	4,4'-DDE	1*	2,3		X	1 (0.454)
4,4'-DDE	72559	DDE	1*	2,3		X	1 (0.454)
DDE. ^b	3547044	.....	1*	3		D	5000 (2270)
DDT	50293	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-chloro- 4,4'DDT	1	1,2,4	U061	X	1 (0.454)
4,4'DDT	50293	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-chloro- DDT	1	1,2,4	U061	X	1 (0.454)
DDT AND METABOLITES	N.A.	.....	1*	2			**

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued
 [Note: All Comments/Notes Are Located at the End of This Table]

Hazardous substance	CASRN	Regulatory synonyms	Statutory		Final RQ		
			RQ	Code †	RCRA waste Number	Category	
DEHP	117817	1,2-Benzenedicarboxylic acid, bis(2-ethyl-hexyl) ester. Bis(2-ethylhexyl)phthalate	1*	2,3,4	U028	B	100 (45.4)
Diallate	2303164	Diethylhexyl phthalate	1*	4	U062	B	100 (45.4)
Diazinon	333415	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester.	1	1		X	1 (0.454)
Diazomethane	334883		1*	3		B	100 (45.4)
Dibenz[a,h]anthracene	53703	Dibenzo[a,h]anthracene	1*	2,4	U063	X	1 (0.454)
1,2:5,6-Dibenzanthracene	53703	1,2:5,6-Dibenzanthracene	1*	2,4	U063	X	1 (0.454)
Dibenzo[a,h]anthracene	53703	Dibenzo[a,h]anthracene	1*	2,4	U063	X	1 (0.454)
Dibenzo[a,i]pyrene	189559	Dibenzo[st]pentaphene	1*	4	U064	A	10 (4.54)
Dibenzofuran	132649		1*	3		B	100 (45.4)
1,2-Dibromo-3-chloropropane	96128	Propane, 1,2-dibromo-3-chloro-	1*	3,4	U066	X	1 (0.454)
Dibromoethane	106934	Ethane, 1,2-dibromo-	1000	1,3,4	U067	X	1 (0.454)
Dibutyl phthalate	84742	Ethylene dibromide	100	1,2,3,4	U069	A	10 (4.54)
		1,2-Benzenedicarboxylic acid, dibutyl ester					
		n-Butyl phthalate					
		Di-n-butyl phthalate					
		1,2-Benzenedicarboxylic acid, dibutyl ester	100	1,2,3,4	U069	A	10 (4.54)
		n-Butyl phthalate					
		Dibutyl phthalate					
Dicamba	1918009		1000	1		C	1000 (454)
Dichlobenil	1194656		1000	1		B	100 (45.4)
Dichlone	117806		1	1		X	1 (0.454)
Dichlorobenzene	25321226		100	1		B	100 (45.4)
1,2-Dichlorobenzene	95501	Benzene, 1,2-dichloro- o-Dichlorobenzene	100	1,2,4	U070	B	100 (45.4)
1,3-Dichlorobenzene	541731	Benzene, 1,3-dichloro m-Dichlorobenzene	1*	2,4	U071	B	100 (45.4)
1,4-Dichlorobenzene	106467	Benzene, 1,4-dichloro-	100	1,2,3,4	U072	B	100 (45.4)
m-Dichlorobenzene	541731	p-Dichlorobenzene	1*	2,4	U071	B	100 (45.4)
o-Dichlorobenzene	95501	Benzene, 1,3-dichloro 1,3-Dichlorobenzene	100	1,2,4	U070	B	100 (45.4)
p-Dichlorobenzene	106467	Benzene, 1,4-dichloro-	100	1,2,3,4	U072	B	100 (45.4)
DICHLOROBENZIDINE	N.A.	1,4-Dichlorobenzene	1*	2			**
3,3'-Dichlorobenzidine	91941	[1,1'-Biphenyl]-4,4'-diamine,3,3'-dichloro-	*	2,3,4	U073	X	1 (0.454)
Dichlorobromomethane	75274		1*	2		D	5000 (2270)
1,4-Dichloro-2-butene	764410	2-Butene, 1,4-dichloro-	1*	4	U074	X	1 (0.454)

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Dichlorodifluoromethane	75718	Methane, dichlorodifluoro-	1*	4	U075	D	5000 (2270)
1,1-Dichloroethane	75343	Ethane, 1,1-dichloro-	1*	2,3,4	U076	C	1000 (454)
1,2-Dichloroethane	107062	Ethyldene dichloride	5000	1,2,3,4	U077	B	100 (45.4)
1,1-Dichloroethylene	75354	Ethane, 1,2-dichloro-	5000	1,2,3,4	U078	B	100 (45.4)
1,2-Dichloroethylene	156605	Ethylene dichloride	5000	1,2,3,4	U079	C	1000 (454)
Dichloroethyl ether	111444	Vinyldene chloride	1*	2,4	U025	A	10 (4.54)
Dichloroisopropyl ether	108601	Ethene, 1,1-dichloro-	1*	2,4	U027	C	1000 (454)
Dichloromethane	75092	Propane, 2,2'-oxybis[2-chloro-	1*	2,4	U080	C	1000 (454)
Dichloromethoxy ethane	111911	Methane, dichloro-	1*	2,3,4	U024	C	1000 (454)
Dichloromethyl ether	542881	Methylene chloride	1*	2,4	P016	A	10 (4.54)
2,4-Dichlorophenol	120832	Bis(2-chloroethoxy) methane	1*	2,4	U081	B	100 (45.4)
2,6-Dichlorophenol	87650	Ethane, 1,1'-[methylenebis(oxy)]bis(2-chloro-	1*	4	U082	B	100 (45.4)
Dichlorophenylarsine	696286	Bis(chlormethyl) ether	1*	4	P036	X	1 (0.454)
Dichloropropane	26638197	Methane, oxybis(chloro-	5000	1	U083	C	1000 (454)
1,1-Dichloropropane	78999	Phenol, 2,4-dichloro-	5000	1			
1,3-Dichloropropane	142289	Phenol, 2,6-dichloro-	5000	1			
1,2-Dichloropropane	78875	Arsonous dichloride, phenyl-	5000	1			
Dichloropropane—Dichloropropene (mixture)	8003198	Propane, 1,2-dichloro-	5000	1,2,3,4,	P037	C	1000 (454)
Dichloropropene	26952238	Propylene dichloride	5000	1		B	100 (45.4)
2,3-Dichloropropene	78886		5000	1		B	100 (45.4)
1,3-Dichloropropene	542756	1-Propene, 1,3-dichloro-	5000	1,2,3,4	U084	B	100 (45.4)
2,2-Dichloropropionic acid	75990	5000	1			D	5000 (2270)
Dichlorvos	62737	10	1,3			A	10 (4.54)
Dicofol	115322	5000	1			A	10 (4.54)
Dieldrin	60571	2,7,3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro, (1aalpha,2beta,2aalpha,3beta,6beta, 6aalpha,7beta, 7aalpha)-.	1	1,2,4	P037	X	1 (0.454)
1,2,3,4-Diepoxybutane	1464535	2,2'-Bioxirane	1*	4	U085	A	10 (4.54)
Diethanolamine	111422		1*	3		B	100 (45.4)
Diethylamine	109897	1000	1			B	100 (454.4)
N,N-Diethylaniline	91667	1*	3			C	1000 (454)
Diethylarsine	692422	Arsine, diethyl	1*	4	P038	X	1 (0.454)
1,4-Diethylenedioxide	123911	1,4-Dioxane	1*	3,4	U108	B	100 (45.4)
1,4-Diethyleneoxide	123911	1,4-Dioxane	1*	3,4	U108	B	100 (45.4)
Diethylhexyl phthalate	117817	1,4-Diethylenedioxide	1*	2,3,4	U028	B	100 (45.4)
N,N'-Diethylhydrazine	1615801	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester. Bis(2-ethylhexyl)phthalate DEHP	1*	4	U086	A	10 (4.54)
		Hydrazine, 1,2-diethyl-					

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued
 [Note: All Comments/Notes Are Located at the End of This Table]

Hazardous substance	CASRN	Regulatory synonyms	Statutory		Final RQ		
			RQ	Code †	RCRA waste Number	Category	
O,O-Diethyl S-methyl dithiophosphate	3288582	Phosphorodithioic acid, O,O-diethyl S-methyl ester.	1*	4	U087	D	5000 (2270)
Diethyl-p-nitrophenyl phosphate	311455	Phosphoric acid, diethyl 4-nitrophenyl ester	1*	4	P041	B	100 (45.4)
Diethyl phthalate	84662	1,2-Benzenedicarboxylic acid, diethyl ester	1*	2,4	U088	C	1000 (454)
O,O-Diethyl O-pyrazinyl phosphorothioate	297972	Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester.	1*	4	P040	B	100 (45.4)
Diethylstilbestrol	56531	Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis-, (E)	1*	4	U089	X	1 (0.454)
Diethyl sulfate	64675	.....	1*	3		A	10 (4.54)
Dihydrosafrole	94586	1,3-Benzodioxole, 5-propyl-	1*	4	U090	A	10 (4.54)
Diisopropylfluorophosphate	55914	Phosphorofluoridic acid, bis(1-methylethyl) ester.	1*	4	P043	B	100 (45.4)
1,4,5,8-Dimethanophthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha,4alpha,4abeta,5alpha,8alpha,8abeta)-,1,4,5,8-Dimethanophthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro, (1alpha,4alpha,4abeta,5abeta,8beta,8abeta)-2,7:3,6-Dimethanophth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1alpha,2abeta,2alpha,3beta,3beta,6beta,6alpha,7beta,7alpha)-2,7:3,6-Dimethanophth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1alpha,2abeta,2abeta,3alpha,6alpha,6abeta,7beta,7alpha)-Dimethoate	309002	Aldrin	1	1,2,4	P004	X	1 (0.454)
3,3'-Dimethoxybenzidine	465736	Isodrin	1*	4	P060	X	1 (0.454)
Dimethylamine	60571	Dieldrin	1	1,2,4	P037	X	1 (0.454)
Dimethyl aminoazobenzene	72208	Endrin Endrin, & metabolites	1	1,2,4	P051	X	1 (0.454)
p-Dimethylaminoazobenzene	60515	Phosphorodithioic acid, O,O-dimethyl S-[2(methylamino)-2-oxoethyl] ester.	1*	4	P044	A	10 (4.54)
N,N-Dimethylaniline	119904	[1,1'-Biphenyl]-4,4'-diamine,3,3'-dimethoxy-	1*	3,4	U091	B	100 (45.4)
7,12-Dimethylbenz[a]anthracene	124403	Methanamine, N-methyl-	1000	1,4	U092	C	1000 (454)
3,3'-Dimethylbenzidine	60117	Benzanamine, N,N-dimethyl-4-(phenylazo)-	1*	3,4	U093	A	10 (4.54)
alpha,alpha-Dimethylbenzylhydroperoxide	57976	P-Dimethylaminoazobenzene	1*	3,4	U093	A	10 (4.54)
Dimethylcarbamoyl chloride	121697	Benzanamine, N,N-dimethyl-4-(phenylazo)-	1*	3		B	100 (45.4)
Dimethylformamide	80159	Dimethyl aminoazobenzene	1*	4	U094	X	1 (0.454)
1,1-Dimethylhydrazine	119937	Benz[a]anthracene, 7,12-dimethyl-	1*	4	U094	X	1 (0.454)
1,2-Dimethylhydrazine	79447	[1,1'-Biphenyl]-4,4'-diamine,3,3'-dimethyl-	1*	3,4	U095	A	10 (4.54)
alpha,alpha-Dimethylphenethylamine	68122	Hydroperoxide, 1-methyl-1-phenylethyl-	1*	4	U096	A	10 (4.54)
2,4-Dimethylphenol	540738	Carbamic chloride, dimethyl-	1*	3,4	U097	X	1 (0.454)
.....	122098	.....	1*	3		B	100 (45.4)
.....	105679	Hydrazine, 1,1-dimethyl-	1*	3,4	U098	A	10 (4.54)
.....	57147	Hydrazine, 1,2-dimethyl-	1*	4	U099	X	1 (0.454)
.....	64675	Benzeneethanamine, alpha,alpha-dimethyl-	1*	4	P046	D	5000 (2270)
.....	297972	Phenol, 2,4-dimethyl-	1*	2,4	U101	B	100 (45.4)

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Dimethyl phthalate	131113	1,2-Benzenedicarboxylic acid, dimethyl ester	1*	2,3,4	U102	D	5000 (2270)
Dimethyl sulfate	77781	Sulfuric acid, dimethyl ester	1*	3,4	U103	B	100 (45.4)
Dinitrobenzene (mixed)	25154545	.....	1000	1		B	100 (45.4)
m-Dinitrobenzene	99650						
o-Dinitrobenzene	528290						
p-Dinitrobenzene	100254						
4,6-Dinitro-o-cresol, and salts	534521	Phenol, 2-methyl-4,6-dinitro-, & salts	1*	2,3,4	P047	A	10 (4.54)
Dinitrophenol	25550587	.....	1000	1		A	10 (4.54)
2,5-Dinitrophenol	329715						
2,6-Dinitrophenol	573568						
2,4-Dinitrophenol	51285	Phenol, 2,4-dinitro-	1000	1,2,3,4,	P048	A	10 (4.54)
Dinitrotoluene	25321146	.....	1000	1,2		A	10 (4.54)
3,4-Dinitrotoluene	610399						
2,4-Dinitrotoluene	121142	Benzene, 1-methyl-2,4-dinitro-	1000	1,2,3,4	U105	A	10 (4.54)
2,6-Dinitrotoluene	606202	Benzene, 2-methyl-1,3-dinitro-	1000	1,2,4	U106	B	100 (45.4)
Dinoseb	88857	Phenol, 2-(1-methylpropyl)-4,6-dinitro	1*	4	P020	C	1000 (454)
Di-n-octyl phthalate	117840	1,2-Benzenedicarboxylic acid, dioctyl ester	1*	2,4	U107	D	5000 (2270)
1,4-Dioxane	123911	1,4-Diethyleneoxide	1*	3,4	U108	B	100 (45.4)
		1,4-Diethylenedioxide					
DIPHENYLHYDRAZINE	N.A.	.....	1*	2			**
1,2-Diphenyl-	122667	Hydrazine, 1,2-diphenyl-	1*	2,3,4	U109	A	10(4.54)
hydrazine							
Diphosphoramide, octamethyl-	152169	Octamethylpyrophosphoramide	1*	4	P085	B	100 (45.4)
Diphosphoric acid, tetraethyl ester	107493	Tetraethyl pyrophosphate	100	1,4	P111	A	10 (4.54)
Dipropylamine	142847	1-Propanamine, N-propyl-	1*	4	U110	D	5000 (2270)
Di-n-propylnitrosamine	621647	1-Propanamine, N-nitroso-N-propyl-	1*	2,4	U111	A	10 (4.54)
Diquat	85007	.....	1000	1		C	1000 (454)
Disulfoton	2764729	Phosphorodithioic acid, o,o-diethyl S-[2-(ethylthio)ethyl]ester.	1	1,4	P039	X	1 (0.454)
Dithiobiuret	541537	Thioimidodicarbonic diamide [(HG2KN) C(S)2NH	1*	4	P049	B	100 (45.4)
1,3-Dithiolane-2-carboxaldehyde, 2,4-dimethyl-, O-	26419738	.....	1*	4	P185		##
[(methylamino)carbonyl]oxime (Tirplate).							
Diuron	330541	.....	100	1		B	100 (45.4)
Dodecylbenzenesulfonic acid	27176870	.....	1000	1		C	1000 (454)
Endosulfan	115297	6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a- hexahydro-, 3-oxide.	1	1,2,4	P050	X	1 (0.454)
alpha - Endosulfan	959988	.....	1*	2		X	1 (0.454)
beta - Endosulfan	33213659	.....	1*	2		X	1 (0.454)
ENDOSALFAN AND METABOLITES	N.A.	.....	1*	2			**
Endosulfan sulfate	1031078	.....	1*	2		X	1 (0.454)
Endothall	145733	7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid.	1*	4	P088	C	1000 (454)

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued
 [Note: All Comments/Notes Are Located at the End of This Table]

Hazardous substance	CASRN	Regulatory synonyms	Statutory		Final RQ		
			RQ	Code †	RCRA waste Number	Category	
Endrin	72208	Endrin, & metabolites 2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9 -hexachloro-1a,2,2a,3, 6,6a,7,7a-octa-hydro-, (1aalpha, 2beta,2abeta,3alpha,6alpha, 6abeta,7beta, 7aalpha)-	1	1,2,4	P051	X	1 (0.454)
Endrin aldehyde	7421934		1*	2		X	1 (0.454)
ENDRIN AND METABOLITES	N.A.		1*	2			**
Endrin, & metabolites	72208	Endrin 2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3, 6,6a,7,7a-octa-hydro-, (1aalpha, 2beta,2abeta,3alpha,6alpha, 6abeta,7beta, 7aalpha)-	1	1,2,4	P051	X	1 (0.454)
Epichlorohydrin	106898	1-Chloro-2,3-epoxypropane	1000	1,3,4	U041	B	100(45.4)
Epinephrine	51434	1,2-Benzenediol,4-[1-hydroxy-2-(methylamino)ethyl]-	1*	4	P042	C	1000 (454)
1,2-Epoxybutane	106887		1*	3		B	100 (45.4)
Ethanal	75070	Acetaldehyde	1000	1,3,4	U001	C	1000(454)
Ethanamine, N-ethyl-N-nitroso-	55185	N-Nitrosodiethylamine	1*	4	U174	X	1 (0.454)
1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)-	91805	Methacrylene	1*	4	U155	D	5000 (2270)
Ethane, 1,2-dibromo	106934	Dibromoethane	1000	1,3,4	U067	X	1(0.454)
Ethane, 1,1-dichloro	75343	Ethylene dibromide 1,1-Dichloroethane	1*	2,3,4	U076	C	1000(454)
Ethane, 1,2-dichloro	107062	Ethylenedichloride 1,2-Dichloroethane	5000	1,2,3,4	U077	B	100(45.4)
Ethanodinitrile	460195	Cyanogen	1*	4	P031	B	100 (45.4)
Ethane, hexachloro-	67721	Hexachloroethane	1*	2,3,4	U131	B	100(45.4)
Ethane, 1,1'-[methylenebis(oxy)]bis(2-chloro-	111911	Bis(2-chloroethoxy) methane	1*	2,4	U024	C	1000 (454)
Ethane, 1,1'-oxybis-	60297	Dichloromethoxy ethane Ethyl ether	1*	4	U117	B	100 (45.4)
Ethane, 1,1'-oxybis[2-chloro-	111444	Bis(2-chloroethyl) ether	1*	2,3,4	U025	A	10(4.54)
Ethane, pentachloro-	76017	Dichloroethyl ether Pentachloroethane	1*	4	U184	A	10 (4.54)
Ethane, 1,1,1,2-tetrachloro-	630206	1,1,1,2-Tetrachloroethane	1*	4	U208	B	100 (45.4)
Ethane, 1,1,2,2-tetrachloro-	79345	1,1,2,2-Tetra-chloroethane	1*	2,3,4	U209	B	100(45.4)
Ethanethioamide	62555	Thioacetamide	1*	4	U218	A	10 (4.54)

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Ethane, 1,1,1-trichloro-	71556	Methyl chloroform	1*	2,3,4	U226	C	1000(454)
Ethane, 1,1,2-trichloro-	79005	1,1,1-Trichloroethane	1*	2,3,4	U227	B	100(45.4)
Ethanimidothioc acid, 2-(dimethylamino-N-hydroxy-2-oxo-, methyl ester (A2213).	30558431	1,1,2-Trichloroethane	1*	4	U394		##
Ethanimidothioic acid, 2-(dimethylamino)-N-[(methylamino)carbonyl]oxy]-2-oxo-, methyl ester (Oxamy).	23135220	.....	1*	4	P194		##
Ethanimidothioic acid, N-[(methyl- amino)carbonyl]oxy]-, methyl ester	16752775	Methomyl	1*	4	P066	B	100 (45.4)
Ethanimidothioic acid, N,N'- [thiobis[methylimino]carbonyloxy]]bis-dimethyl ester (Thiodicarb).	59669260	.....	1*	4	U410		##
Ethanol, 2-ethoxy-	110805	Ethylene glycol monoethyl ether	1*	4	U359	C	1000 (454)
Ethanol, 2,2'-(nitrosoimino)bis-	1116547	N-Nitrosodiethanolamine	1*	4	U173	X	1 (0.454)
Ethanol, 2,2'-oxibis-, dicarbamate (Diethylene glycol, dicarbamate)	5952261	.....	1*	4	U395		##
Ethanone, 1-phenyl-	98862	Acetophenone	1*	3,4	U004	D	5000(2270)
Ethene, chloro-	75014	Vinyl chloride	1*	2,3,4	U043	X	1 (0.454)
Ethene, 2-chloroethoxy-	110758	2-Chloroethyl vinyl ether	1*	2,4	U042	C	1000 (454)
Ethene, 1,1-dichloro-	75354	1,1-Dichloroethylene	5000	1,2,3,4	U078	B	100(45.4)
Ethene, 1,2-dichloro- (E)	156605	Vinyldene chloride	1*	2,4	U079	C	1000 (454)
Ethene, tetrachloro-	127184	1,2-Dichloroethylene	1*	2,3,4	U210	B	100(45.4)
Ethene, trichloro-	79016	Perchloroethylene					
Ethion	563122	Tetrachloroethylene					
Ethyl acetate	141786	Trichloroethylene					
Ethyl acrylate	140885	Trichloroethylene					
Ethylbenzene	100414	Urethane					
Ethyl carbamate	51796	Chloroethane	1*	2,3		B	100(45.4)
Ethyl chloride	75003	Propanenitrile	1*	4	P101	A	10 (4.54)
Ethyl cyanide	107120	Carbamodithioic acid, 1,2-ethanediybis, salts & esters.	1*	4	U114	D	5000 (2270)
Ethylenebisdiethiocarbamic acid, salts & esters	111546	.....				
Ethylenediamine	107153	.....	1000	1		D	5000 (2270)
Ethylenediamine-tetraacetic acid (EDTA)	60004	.....	5000	1		D	5000 (2270)
Ethylene dibromide	106934	Dibromoethane	1000	1,3,4	U067	X	1(0.454)
Ethylene dichloride	107062	Ethane, 1,2-dibromo-	5000	1,2,3,4	U077	B	100(45.4)
Ethylene glycol	107211	Ethane, 1,2-dichloro-					
Ethylene glycol monoethyl ether	110805	Ethanol, 2-ethoxy-	1*	3		D	5000 (2270)
Ethyleneimine	151564	Aziridine	1*	4	U359	C	1000 (454)
Ethylene oxide	75218	Oxirane	1*	3,4	P054	X	1(0.454)
Ethylenethiourea	96457	2-Imidazolidinethione	1*	3,4	U115	A	10(4.54)
Ethyl ether	60297	Ethane, 1,1'-oxibis-	1*	3,4	U116	A	10(4.54)
Ethyldene dichloride	75343	1,1-Dichloroethane	*	2,3,4	U076	B	100 (45.4)
Ethyl methacrylate	97632	Ethane, 1,1-dichloro-	1*	4	U118	C	1000 (454)
Ethyl methanesulfonate	62500	2-Propenoic acid, 2-methyl-, ethyl ester	1*	4	U119	X	1 (0.454)

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued
 [Note: All Comments/Notes Are Located at the End of This Table]

Hazardous substance	CASRN	Regulatory synonyms	Statutory		Final RQ		
			RQ	Code †	RCRA waste Number	Category	
Famphur	52857	Phosphorothioic acid, O,[4-[(di- methylamino) sulfonyl] phenyl] O,O-dimethyl ester.	1*	4	P097	C	1000 (454)
Ferric ammonium citrate	1185575		1000	1		C	1000 (454)
Ferric ammonium oxalate	2944674		1000	1		C	1000 (454)
Ferric chloride	55488874						
Ferric fluoride	7705080		1000	1		C	1000 (454)
Ferric nitrate	7783508		100	1		B	100 (45.4)
Ferric sulfate	10421484		1000	1		C	1000 (454)
Ferrous ammonium sulfate	10028225		1000	1		C	1000 (454)
Ferrous ammonium sulfate	10045893		1000	1		C	1000 (454)
Ferrous chloride	7758943		100	1		B	100 (45.4)
Ferrous sulfate	7720787		1000	1		C	1000 (454)
Fine mineral fibers. ^c	7782630						**
Fluoranthene	N.A.		1*	3			
Fluorene	206440	Benzol[j,k]fluorene	1*	2,4	U120	B	100 (45.4)
Fluorine	86737		1*	2		D	5000 (2270)
Fluoroacetamide	7782414		1*	4	P056	A	10 (4.54)
Fluoroacetic acid, sodium salt	640197	Acetamide, 2-fluoro- ..	1*	4	P057	B	100 (45.4)
Formaldehyde	62748	Acetic acid, fluoro-, sodium salt	1*	4	P058	A	10 (4.54)
Formic acid	50000		1000	1,3,4	U122	B	100 (45.4)
Fulminic acid, mercury(2+)-salt	64186		5000	1,4	U123	D	5000 (2270)
Fumaric acid	628864	Mercury fulminate	1*	4	P065	A	10 (4.54)
Furan	110178		5000	1		D	5000 (2270)
Furan	110009	Furfuran	1*	4	U124	B	100 (45.4)
Furan, tetrahydro-	109999	Tetrahydrofuran	1*	4	U213	C	1000 (454)
2-Furancarboxaldehyde	98011	Furfural	1000	1,4	U125	D	5000 (2270)
2,5-Furandione	108316	Maleic anhydride	5000	1,3,4	U147	D	5000 (2270)
Furfural	98011	2-Furancarboxaldehyde	1000	1,4	U125	D	5000 (2270)
Furfural	110009	Furan	1*	4	U124	B	100 (45.4)
Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoureido)-D-Glucose, 2-deoxy-2-[(methylnitrosoamino)-carbonyl]amino]-	18883664	D-Glucose, 2-deoxy-2-[[[(methylnitrosoamino)-carbonyl]amino] Streptozotocin.	1*	4	U206	X	1 (0.454)
D-Glucose, 2-deoxy-2-[(methylnitrosoamino)-carbonyl]amino]-	18883664	Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoureido)-.	1*	4	U206	X	1 (0.454)
Glycidylaldehyde	765344	Streptozotocin					
Glycol ethers. ^d	N.A.	Oxiranecarboxyaldehyde	1*	4	U126	A	10 (4.54)
Guanidine, N-methyl-N'-nitro-N-nitroso-	70257	MNNG	1*	3			**
Guthion	86500		1*	4	U163	A	10 (4.54)
HALOETHERS	N.A.		1	1		X	1 (0.454)
HALOMETHANES	N.A.		1*	2			**

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Heptachlor	76448	4,7-Methano-1H-indene, 1,4,5,6,7,8,8- heptachloro-3a,4,7a-tetrahydro-	1	1,2,3,4	P059	X	1, (0.454)
HEPTACHLOR AND METABOLITES	N.A.		1*	2			**
Heptachlor epoxide	1024573		1*	2		X	1 (0.454)
Hexachlorobenzene	118741	Benzene, hexachloro-	1*	2,3,4	U127	A	10 (4.54)
Hexachlorobutadiene	87683	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-	1*	2,3,4	U128	X	1 (0.454)
HEXACHLOROCYCLOHEXANE (all isomers)	608731		1*	2			**
Hexachlorocyclohexane (gamma isomer)	58899	γ -BHC	1	1,2,3,4	U129	X	1 (0.454)
		Cyclohexane, 1,2,3,4,5,6- hexachloro-(1 α ,2 α ,3 β ,4 α , 5 α ,6 β)-					
		Lindane					
		Lindane (all isomers)					
Hexachlorocyclopentadiene	77474	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro- ...	1	1,2,3,4	U130	A	10 (4.54)
Hexachloroethane	67721	Ethane, hexachloro-	1*	2,3,4	U131	B	100 (45.4)
Hexachlorophene	70304	Phenol, 2,2'-methylenebis[3,4,6-trichloro-	1*	4	U132	B	100 (45.4)
Hexachloropropene	1888717	1-Propene, 1,1,2,3,3,3-hexachloro-	1*	4	U243	C	1000 (454)
Hexaethyl tetraphosphate	757584	Tetrrophosphoric acid, hexaethyl ester	1*	4	P062	B	100 (45.4)
Hexamethylene-1,6-diisocyanate	822060		1*	3		B	100 (45.4)
Hexamethylphosphoramide	680319		1*	3		X	1 (0.454)
Hexane	110543		1*	3		D	5000 (2270)
Hexone	108101	Methyl isobutyl ketone	1*	3,4	U161	D	5000 (2270)
		4-Methyl-2-pentanone					
Hydrazine	302012		1*	3,4	U133	X	1 (0.454)
Hydrazine, 1,2-diethyl-	1615801	N,N-Diethylhydrazine	1*	4	U086	A	10 (4.54)
Hydrazine, 1,1-dimethyl-	57147	1,1-Dimethylhydrazine	1*	3,4	U098	A	10 (4.54)
Hydrazine, 1,2-dimethyl-	540738	1,2-Dimethylhydrazine	1*	4	U099	X	1 (0.454)
Hydrazine, 1,2-diphenyl-	122667	1,2-Diphenylhydrazine	1*	2,3,4	U109	A	10 (4.54)
Hydrazine, methyl-	60344	Methyl hydrazine	1*	3,4	P068	A	10 (4.54)
Hydrazinecarbothioamide	79196	Thiosemicarbazide	1*	4	P116	B	100 (45.4)
Hydrochloric acid	7647010	Hydrogen chloride	5000	1,3		D	5000 (2270)
Hydrocyanic acid	74908	Hydrogen cyanide	10	1,4	P063	A	10 (4.54)
Hydrofluoric acid	7664393	Hydrogen fluoride	5000	1,3,4	U134	B	100 (45.4)
Hydrogen chloride	7647010	Hydrochloric acid	5000	1,3		D	5000 (2270)
Hydrogen cyanide	74908	Hydrocyanic acid	10	1,4	P063	A	10 (4.54)
Hydrogen fluoride	7664393	Hydrofluoric acid	5000	1,3,4	U134	B	100 (45.4)
Hydrogen phosphide	7803512	Phosphine	1*	3,4	P096	B	100 (45.4)
Hydrogen sulfide	7783064	Hydrogen sulfide H ₂ S	100	1,4	U135	B	100 (45.4)
Hydrogen sulfide H ₂ S	7783064	Hydrogen sulfide	100	1,4	U135	B	100 (45.4)
Hydroperoxide, 1-methyl-1-phenylethyl-	80159	alpha,alpha-Dimethylbenzylhydroperoxide	1*	4	U096	A	10 (4.54)
Hydroquinone	123319		1*	3		B	100 (45.4)
2-Imidazolidinethione	96457	Ethylenethiourea	1*	3,4	U116	A	10 (4.54)
Indeno(1,2,3-cd)pyrene	193395	1,10-(1,2-Phenylene)pyrene	1*	2,4	U137	B	100 (45.4)
Iodomethane	74884	Methane, iodo-	1*	3,4	U138	B	100 (45.4)
		Methyl iodide					
1,3-Isobenzofurandione	85449	Phthalic anhydride	1*	3,4	U190	D	5000 (2270)
Isobutyl alcohol	78831	1-Propanol, 2-methyl-	1*	4	U140	D	5000 (2270)
Isodrin	465736	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro, (1alpha,4alpha,4beta,5beta,8beta,8abeta)-.	1*	4	P060	X	1 (0.454)
Isophorone	78591		1*	2,3		D	5000 (2270)

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued
 [Note: All Comments/Notes Are Located at the End of This Table]

Hazardous substance	CASRN	Regulatory synonyms	Statutory		Final RQ	
			RQ	Code †	RCRA waste Number	Category
Isoprene	78795	.....	1000	1		B 100 (45.4)
Isopropanolamine dodecylbenzenesulfonate	42504461	.....	1000	1		C 1000 (454)
Isosafrole	120581	1,3-Benzodioxole, 5-)-1-propenyl)-	1*	4	U141	B 100 (45.4)
3(2H)-Isoxazolone, 5-(aminomethyl)-	2763964	Muscimol	1*	4	P007	C 1000 (454)
Kepone	143500	5-(Aminomethyl)-3-isoxazolol 1,3,4-Metheno-2H-cyclobutal[cd]pentalen-2-one, 1,1a,3,3a,4,5,5a,5b,6-decachloroctahydro-.	1	1,4	U142	X 1 (0.454)
Lasiocarpine	303344	2-Butenoic acid, 2-methyl-, 7[[2,3-dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy)methyl]-2,3,5,7a-tetrahydro-1H-pyrrolizin-1-yl ester, [1S-[1alpha(Z), 7(2S*,3R*),7alpha]-].	1*	4	U143	A 10 (4.54)
Lead‡	7439921	.....	1*	2		A 10 (4.54)
Lead acetate	301042	Acetic acid, lead(2+) salt	5000	1,4	U144	A 10 (4.54)
LEAD AND COMPOUNDS	N.A.	Lead Compounds	1*	2,3		**
Lead Compounds	N.A.	LEAD AND COMPOUNDS	1*	2,3		**
Lead arsenate	7784409	.....	5000	1		X 1 (0.454)
	7645252					
	10102484					
Lead, bis(acetato-O)tetrahydroxytri-	1335326	Lead subacetate	1*	4	U146	A 10 (4.54)
Lead chloride	7758954	.....	5000	1		A 10 (4.54)
Lead fluoborate	13814965	.....	5000	1		A 10 (4.54)
Lead fluoride	7783462	.....	1000	1		A 10 (4.54)
Lead iodide	10101630	.....	5000	1		A 10 (4.54)
Lead nitrate	10099748	.....	5000	1		A 10 (4.54)
Lead phosphate	7446277	Phosphoric acid, lead(2+) salt (2:3)	1*	4	U145	A 10 (4.54)
Lead stearate	1072351	.....	5000	1		A 10 (4.54)
	7428480					
	52652592					
	56189094					
Lead subacetate	1335326	Lead, bis(acetato-O)tetrahydroxytri-	1*	4	U146	A 10 (4.54)
Lead sulfate	7446142	.....	5000	1		A 10 (4.54)
	15739807					
Lead sulfide	1314870	.....	5000	1		A 10 (4.54)
Lead thiocyanate	592870	.....	5000	1		A 10 (4.54)

Lindane	58899	γ -BHC	1	1,2,3,4	U129	X	1 (0.454)
Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1 α ,2 α ,3 β ,4 α ,5 α ,6 β)-, Hexachlorocyclohexane (gamma isomer) Lindane (all isomers)	58899						
Lindane (all isomers)	58899	γ -BHC	1	1,2,3,4	U129	X	1 (0.454)
Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1 α ,2 α ,3 β ,4 α ,5 α ,6 β)-, Hexachlorocyclohexane (gamma isomer) Lindane	58899						
Lithium chromate	14307358		1000	1	A	10 (4.54)	
Malathion	121755		10	1	B	100 (45.4)	
Maleic acid	110167		5000	1	D	5000 (2270)	
Maleic anhydride	108316	2,5-Furandione	5000	1,3,4	U147	D	5000 (2270)
Maleic hydrazide	123331	3,6-Pyridazine-dione, 1,2-dihydro-	1*	4	U148	D	5000 (2270)
Malononitrile	109773	Propanedinitrile	1*	4	U149	C	1000 (454)
Manganese, bis(dimethylcarbamodithioato-S,S')-(Manganese dimethyldithiocarbamate).	15339363		1*	4	P196		##
Manganese Compounds	N.A.			3			**
MDI	101688	Methylene diphenyl diisocyanate	1*	3	D	5000 (2270)	
Melphalan	148823	L-Phenylalanine, 4-[bis(2-chloroethyl) aminol]	1*	4	U150	X	1 (0.454)
MEK	78933	2-Butanone	1*	3,4	U159	D	5000 (2270)
Methyl ethyl ketone							
Mercaptodimethylur	2032657		100	1	A	10 (4.54)	
Mercuric cyanide	592041		1	1	X	1 (0.454)	
Mercuric nitrate	10045940		10	1	A	10 (4.54)	
Mercuric sulfate	7783359		10	1	A	10 (4.54)	
Mercuric thiocyanate	592858		10	1	A	10 (4.54)	
Mercurous nitrate	10415755		10	1	A	10 (4.54)	
7782867							
Mercury	7439976		1*	2,3,4	U151	X	1 (0.454)
MERCURY AND COMPOUNDS							**
Mercury Compounds	N.A.	Mercury Compounds	1*	2,3			**
Mercury, (acetate-O)phenyl-	N.A.	MERCURY AND COMPOUNDS	1*	2,3			**
Mercury fulminate	62384	Phenylmercury acetate	1*	4	P092	B	100 (45.4)
Methacrylonitrile	628864	Fulminic acid, mercury(2+)salt	1*	4	P065	A	10 (4.54)
Methanamine, N-methyl-	126987	2-Propenenitrile, 2-methyl-	1*	4	U152	C	1000 (454)
Methanamine, N-methyl-N-nitroso-	124403	Dimethylamine	1000	1,4	U092	C	1000 (454)
Methane, bromo-	62759	N-Nitrosodimethylamine	1*	2,3,4	P082	A	10 (4.54)
74839		Bromomethane	1*	2,3,4	U029	C	1000 (454)
Methyl bromide							
Methane, chloro-	74873	Chloromethane	1*	2,3,4	U045	B	100 (45.4)
Methane, chloromethoxy-	107302	Chloromethyl methyl ether	1*	3,4	U046	A	10 (4.54)
Methane, dibromo-	74953	Methylene bromide	1*	4	U068	C	1000 (454)
Methane, dichloro-	75092	Methylene chloride	1*	2,3,4	U080	C	1000 (454)
Methane, dichlorodifluoro-	75718	Dichlorodifluoromethane	1*	4	U075	D	5000 (2270)

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued
 [Note: All Comments/Notes Are Located at the End of This Table]

Hazardous substance	CASRN	Regulatory synonyms	Statutory		Final RQ	
			RQ	Code †	RCRA waste Number	Category
Methane, iodo-	74884	Iodomethane	1*	3,4	U138	B
Methane, isocyanato-	624839	Methyl iodide	1*	3,4	P064	A
Methane, oxybis(chloro-	542881	Methyl isocyanate	1*	3,4	P016	A
Dichloromethyl ether		Bis(chloromethyl)ether				
Methanesulfenyl chloride, trichloro-	594423	Trichloromethanesulfenyl chloride	1*	4	P118	B
Methanesulfonic acid, ethyl ester	62500	Ethyl methanesulfonate	1*	4	U119	X
Methane, tetrachloro-	56235	Carbon tetrachloride	5000	1,2,3,4	U211	A
Methane, tetranitro-	509148	Tetranitromethane	1*	4	P112	A
Methane, tribromo-	75252	Bromoform	1*	2,3,4	U225	B
Methane, trichloro-	67663	Chloroform	5000	1,2,3,4	U044	A
Methane, trichlorofluoro-	75694	Trichloromonofluoromethane	1*	4	U121	D
Methanethiol	74931	Methylmercaptan	100	1,4	U153	B
Thiomethanol						
Methanimidamide, [(methylamino)carbonyl]oxyphenyl]-, (Formetanate hydrochloride).	N,N-dimethyl-N'-[3-monohydrochloride 23422539	.....	1*	4	P198	##
Methanimidamide, [(methylamino)carbonyl]oxyphenyl]-[2-methyl-4- (Formparanate).	N,N-dimethyl-N'-[2-methyl-4- 17702577	.....	1*	4	P197	##
6,9-Methano-2,4,3-benzodioxathiepin, 1,5,5a,6,9,9a-hexahydro-, 3-oxide	115297	Endosulfan	1	1,2,4	P050	X
6,7,8,9,10,10-hexamchloro- 1,3,4-Metheno-2H-cyclobutal[cd]pentalen-2-one, 1,1a,3,3a,4,5,5a,5b,6-decachloroctahydro-	143500	Kepone	1	1,4	U142	X
4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro- 4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-.	76448 57749	Heptachlor	1*	1,2,3,4	P059	X
Chlordane		Chlordane	1	1,2,3,4	U036	X
Chlordane, alpha & gamma isomers CHLORDANE (TECHNICAL MIXTURE AND METABOLITES)		Chlordane, alpha & gamma isomers CHLORDANE (TECHNICAL MIXTURE AND METABOLITES)				
Methanol	67561	Methyl alcohol	1*	3,4	U154	D
Methapyrilene	91805	1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)-.	1*	4	U155	D
Methomyl	16752775	Ethanimidothioic acid, N-[(methylamino)carbonyloxy]-, methyl ester.	1*	4	P066	B
Methoxychlor	72435	Benzene, 1,1'-(2,2,2-trichloroethyl- idene)bis[4-methoxy-	1	1,3,4	U247	X
Methyl alcohol	67561	Methanol	1*	3,4	U154	D
2-Methyl aziridine	75558	Aziridine, 2-methyl- 1,2-Propylenimine	1*	3,4	P067	X
Methyl bromide	74839	Bromomethane	1*	2,3,4	U029	C
Methane, bromo-						

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1-Methylbutadiene	504609	1,3-Pentadiene	1*	4	U186	B	100 (45.4)
Methyl chloride	74873	Chloromethane	1*	2,3,4	U045	B	100 (45.4)
Methyl chlorocarbonate	79221	Methane, chloro-					
		Carbonochloridic acid, methyl ester	1*	4	U156	C	1000 (454)
Methyl chloroformate	71556	Methyl chloroformate					
		Ethane, 1,1,1-trichloro-	1*	2,3,4	U226	C	1000 (454)
Methyl chloroform	79221	1,1,1-Trichloroethane					
		Carbonochloridic acid, methyl ester	1*	4	U156	C	1000 (454)
Methyl chloroformate	56495	Methyl chlorocarbonate					
3-Methylcholanthrene	101144	Benz[[aceanthylene, 1,2-dihydro-3-methyl-	1*	4	U157	A	10 (4.54)
4,4'-Methylenebis(2-chloroaniline)	74953	Benzamine, 4,4'-methylene-bis(2-chloro-	1*	3,4	U158	A	10 (4.54)
Methylene bromide	75092	Methane, dibromo-	1*	4	U068	C	1000 (454)
Methylene chloride		Dichloromethane	1*	2,3,4	U080	C	1000 (454)
Methylene dichloride		Methane, dichloro-					
4,4'-Methylenedianiline	101779	.....	1*	3		A	10 (4.54)
Methylene diphenyl diisocyanate	101688	MDI	1*	3		D	5000 (2270)
Methyl ethyl ketone	78933	2-Butanone	1*	3,4	U159	D	5000 (2270)
Methyl ethyl ketone peroxide	1338234	2-Butanone peroxide	1*	4	U160	A	10 (4.54)
Methyl hydrazine	60344	Hydrazine, methyl-	1*	3,4	P068	A	10 (4.54)
Methyl iodide	74884	Iodomethane	1*	3,4	U138	B	100 (45.4)
Methyl isobutyl ketone	108101	Methane, iodo-					
		Hexone	1*	3,4	U161	D	5000 (2270)
Methyl isocyanate	624839	4-Methyl-2-pentanone					
2-Methylacetonitrile	75865	Methane, isocyanato-	1*	3,4	P064	A	10 (4.54)
Methyl mercaptan	74931	Acetone cyanohydrin	10	1,4	P069	A	10 (4.54)
Methyl methacrylate	80626	Propanenitrile, 2-hydroxy-2-methyl-					
Methyl parathion	298000	Methanethiol	100	1,4	U153	B	100 (45.4)
Methyl thiophanol		Thiomethanol					
4-Methyl-2-pentanone	108101	2-Propenoic acid, 2-methyl-, methyl ester	5000	1,3,4	U162	C	1000 (454)
		Phosphorothioic acid, O,O-dimethyl O-(4-nitrophenyl) ester.	100	1,4	P071	B	100 (45.4)
Methyl tert-butyl ether	1634044	Hexone	1*	3,4	U161	D	5000 (2270)
Methylthiouracil	56042	Methyl isobutyl ketone					
Mevinphos	7786347	.....	1*	3		C	1000 (454)
Mexacarbate	315184	4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-.	1*	4	U164	A	10 (4.54)
Mitomycin C	50077	.....	1000	1		A	10 (4.54)
		Azirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione, 6-amino-8-[(aminocarbonyloxy)methyl]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methyl-, [1aS-(1aalpha, 8beta, 8aalpha, 8balpha)].	1*	4	U010	C	1000 (454)
MNNG	70257	Guanidine, N-methyl-N'-nitro-N-nitroso-	1*	4	U163	A	10 (4.54)
Monoethylamine	75047		1000	1		B	100 (45.4)
Monomethylamine	74895		1000	1		B	100 (45.4)
Multi Source Leachate			1*	4	F039	X	1 (0.454)
Muscinol	2763964	3(2H)-Isoxazolone, 5-(aminomethyl)- 5-(Aminomethyl)-3-isoxazolol.	1*	4	P007	C	1000 (454)

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued
 [Note: All Comments/Notes Are Located at the End of This Table]

Hazardous substance	CASRN	Regulatory synonyms	Statutory		Final RQ	
			RQ	Code †	RCRA waste Number	Category
Naled	300765	.....	10	1		A
5,12-Naphthacenedione, 8-acetyl-10-[3-amino-2,3,6-trideoxy-alpha-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-	20830813	Daunomycin	1*	4	U059	A
1-Naphthalenamine	134327	alpha-Naphthylamine	1*	4	U167	B
2-Naphthalenamine	91598	beta-Naphthylamine	1*	4	U168	A
Naphthalenamine, N,N'-bis(2-chloroethyl)-	494031	Chlornaphazine	1*	4	U026	B
Naphthalene	91203	.....	5000	1,2,3,4	U165	B
Naphthalene, 2-chloro-	91587	beta-Chloronaphthalene 2-Chloronaphthalene ..	1*	2,4	U047	D
1,4-Naphthalenedione	130154	1,4-Naphthoquinone	1*	4	U166	D
2,7-Naphthalenedisulfonic acid, 3,3'-(3,3'-dimethyl-(1,1'-biphenyl)-4,4'-diyl)-bis(azo)bis(5-amino-4-hydroxy)-tetrasodium salt.	72571	Trypan blue	1*	4	U236	A
Naphthenic acid	1338245	.....	100	1		B
1,4-Naphthoquinone	130154	1,4-Naphthalenedione	1*	4	U166	D
alpha-Naphthylamine	134327	1-Naphthalenamine	1*	4	U167	B
beta-Naphthylamine	91598	2-Naphthalenamine	1*	4	U168	A
alpha-Naphthylthiourea	86884	Thiourea, 1-naphthalenyl-	1*	4	P072	B
Nickel ‡	7440020	.....	1*	2		B
Nickel ammonium sulfate	15699180	.....	5000	1		B
NICKEL AND COMPOUNDS	N.A.	Nickel Compounds	1*	2,3		**
Nickel Compounds	N.A.	NICKEL AND COMPOUNDS	1*	2,3		**
Nickel carbonyl	13463393	Nickel carbonyl Ni(CO)4, (T-4)-	1*	4	P073	A
Nickel carbonyl Ni(CO)4, (T-4)-	13463393	Nickel carbonyl	1*	4	P073	A
Nickel chloride	7718549	.....	5000	1		B
	37211055					
Nickel cyanide	557197	Nickel cyanide Ni(CN)2	1*	4	P074	A
Nickel cyanide Ni(CN)2	557197	Nickel cyanide	1*	4	P074	A
Nickel hydroxide	12054487	.....	1000	1		A
Nickel nitrate	14216752	.....	5000	1		B
Nickel sulfate	7786814	.....	5000	1		B
Nicotine, & salts	54115	Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-	1*	4	P075	B
Nitric acid	7697372	.....	1000	1		C
Nitric acid, thallium (1+) salt	10102451	Thallium (I) nitrate	1*	4	U217	B
Nitric oxide	10102439	Nitrogen oxide NO	1*	4	P076	A
p-Nitroaniline	100016	Benzanamine, 4-nitro-	1*	4	P077	D
Nitrobenzene	98953	Benzene, nitro-	1000	1,2,3,4	U169	C
4-Nitrobiphenyl	92933	.....	1*	3		A
Nitrogen dioxide	10102440	Nitrogen oxide NO ₂	1000	1,4	P078	A
Nitrogen oxide NO	10544726	Nitric oxide	1*	4	P076	A
	10102439					

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Nitrogen oxide NO ₂	10102440	Nitrogen dioxide	1000	1,4	P078	A	10 (4.54)
10544726		1,2,3-Propanetriol, trinitrate-	1*	4	P081	A	10 (4.54)
55630		.....	1000	1		B	100 (45.4)
25154556		.....	.....	.....		B	100 (45.4)
m-Nitrophenol	554847	.....	.....	.....		.....	.....
o-Nitrophenol	88755	2-Nitrophenol	1000	1,2,3,4	U170	B	100 (45.4)
p-Nitrophenol	100027	4-Nitrophenol .....	.....	.....		.....	.....
o-Nitrophenol	88755	Phenol, 4-nitro-	1000	1,2		B	100 (45.4)
p-Nitrophenol	100027	2-Nitrophenol	1000	1,2,4	U170	B	100 (45.4)
2-Nitrophenol	88755	Phenol, 4-nitro-	1000	1,2		B	100 (45.4)
4-Nitrophenol	100027	4-Nitrophenol	1000	1,2,3,4	U170	B	100 (45.4)
NITROPHENOLS	N.A.	.....	.....	.....		.....	**
2-Nitropropane	79469	Propane, 2-nitro	1*	3,4	U171	A	10 (4.54)
NITROSAMINES	N.A.	.....	1*	2		.....	**
N-Nitrosodi-n-butylamine	924163	1-Butanamine, N-butyl-N-nitroso-	1*	4	U172	A	10 (4.54)
N-Nitrosodietanolamine	1116547	Ethanol, 2,2'-(nitrosoimino)bis-	1*	4	U173	X	1 (0.454)
N-Nitrosodethylamine	55185	Ethanamine, N-ethyl-N-nitroso-	1*	4	U174	X	1 (0.454)
N-Nitrosodimethylamine	62759	Methanamine, N-methyl-N-nitroso-	1*	2,3,4	P082	A	10 (4.54)
N-Nitrosodiphenylamine	86306	.....	1*	2		B	100 (45.4)
N-Nitroso-N-ethylurea	759739	Urea, N-ethyl-N-nitroso-	1*	4	U176	X	1 (0.454)
N-Nitroso-N-methylurea	684935	Urea, N-methyl-N-nitroso	1*	3,4	U177	X	1 (0.454)
N-Nitroso-N-methylurethane	615532	Carbamic acid, methylNitroso-, ethyl ester	1*	4	U178	X	1 (0.454)
N-Nitrosomethylvinylamine	4549400	Vinylamine, N-methyl-N-nitroso-	1*	4	P084	A	10 (4.54)
N-Nitrosomorpholine	59892	.....	1*	3		X	1 (0.454)
N-Nitropiperidine	100754	Piperidine, 1-nitroso-	1*	4	U179	A	10 (4.54)
N-Nitrosopyrrolidine	930552	Pyrrolidine, 1-nitroso-	1*	4	U180	X	1 (0.454)
Nitrotoluene	1321126	.....	1000	1		C	1000 (454)
m-Nitrotoluene	99081	.....	.....	.....		.....	.....
o-Nitrotoluene	88722	.....	.....	.....		.....	.....
p-Nitrotoluene	99990	.....	.....	.....		.....	.....
5-Nitro-o-toluidine	99558	Benzenamine, 2-methyl-5-nitro-	1*	4	U181	B	100 (45.4)
Octamethylpyrophosphoramido	152169	Diphosphoramido, octamethyl-	1*	4	P085	B	100 (45.4)
Osmium oxide OsO ₄ (T-4)-	20816120	Osmium tetroxide	1*	4	P087	C	1000 (454)
Osmium tetroxide	20816120	Osmium oxide OsO ₄ (T-4)-	1*	4	P087	C	1000 (454)
7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid	145733	Endothall	1*	4	P088	C	1000 (454)
1,2-Oxathiolane, 2,2-dioxide	1120714	1,3-Propane sulfone	1*	3,4	U193	A	10 (4.54)
2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide	50180	Cyclophosphamide	1*	4	U058	A	10 (4.54)
Oxirane	75218	Ethylene oxide	1*	3,4	U115	A	10 (4.54)
Oxiranecarboxyaldehyde	765344	Glycidylaldehyde	1*	4	U126	A	10 (4.54)
Oxirane, (chloromethyl)-	106898	1-Chloro-2,3-epoxypropane	1000	1,3,4	U041	B	100 (45.4)
Epichlorohydrin .....		.....	.....	.....		.....	.....
Paraformaldehyde	30525894	.....	1000	1		C	1000 (454)
Paraldehyde	123637	1,3,5-Trioxane, 2,4,6-trimethyl-	1*	4	U182	C	1000 (454)
Parathion	56382	Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester.	1	1,3,4	P089	A	10 (4.54)
PCBs	1336363	Aroclors	10	1,2,3		X	1 (0.454)
		POLYCHLORINATED BIPHENYLS					

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued
 [Note: All Comments/Notes Are Located at the End of This Table]

Hazardous substance	CASRN	Regulatory synonyms	Statutory		Final RQ	
			RQ	Code †	RCRA waste Number	Category
Aroclor 1016	12674112	.....	10	1,2,3		X 1 (0.454)
Aroclor 1221	11104282	.....	10	1,2,3		X 1 (0.454)
Aroclor 1232	11141165	.....	10	1,2,3		X 1 (0.454)
Aroclor 1242	53469219	.....	10	1,2,3		X 1 (0.454)
Aroclor 1248	12672296	.....	10	1,2,3		X 1 (0.454)
Aroclor 1254	11097691	.....	10	1,2,3		X 1 (0.454)
Aroclor 1260	11096825	.....	10	1,2,3		X 1 (0.454)
PCNB	82688	Benzene, pentachloronitro- Pentachloronitro- benzene Quintobenzene	1*	3,4	U185	B 100 (45.4)
Pentachlorobenzene	608935	Benzene, pentachloro-	1*	4	U183	A 10 (4.54)
Pentachloroethane	76017	Ethane, pentachloro-	1*	4	U184	A 10 (4.54)
Pentachloronitrobenzene	82688	Benzene, pentachloronitro-	1*	3,4	U185	B 100 (45.4)
310 Pentachlorophenol	87865	Phenol, pentachloro-	10	1,2,3,4	U242	A 10 (4.54)
1,3-Pentadiene	504609	1-Methylbutadiene	1*	4	U186	B 100 (45.4)
Perchloroethylene	127184	Ethene, tetrachloro-	1*	2,3,4	U210	B 100 (45.4)
Phenacetin	62442	Acetamide, N-(4-ethoxyphenyl)-	1*	4	U187	B 100 (45.4)
Phenanthrene	85018	.....	1*	2		D 5000 (2270)
Phenol	108952	Benzene, hydroxy-	1000	1,2,3,4	U188	C 1000 (454)
Phenol, 2-chloro-	95578	o-Chlorophenol 2-Chlorophenol	1*	2,4	U048	B 100 (45.4)
Phenol, 4-chloro-3-methyl-	59507	p-Chloro-m-cresol	1*	2,4	U039	D 5000 (2270)
4-Chloro-m-cresol .....		.....		
Phenol, 2-cyclohexyl-4,6-dinitro-	131895	2-Cyclohexyl-4,6-dinitrophenol	1*	4	P034	B 100 (45.4)
Phenol, 2,4-dichloro-	120832	2,4-Dichlorophenol	1*	2,4	U081	B 100 (45.4)
Phenol, 2,6-dichloro-	87650	2,6-Dichlorophenol	1*	4	U082	B 100 (45.4)
Phenol, 4,4'-(1,2-diethyl-1,2-ethenediy)bis-, (E)	56531	Diethylstilbestrol	1*	4	U089	X 1 (0.454)
Phenol, 2,4-dimethyl-	105679	2,4-Dimethylphenol	1*	2,4	U101	B 100(45.4)
Phenol, 2,4-dinitro-	51285	2,4-Dinitrophenol	1000	1,2,3,4	P048	A 10 (4.54)
Phenol, methyl-	1319773	Cresols (isomers and mixture)	1000	1,3,4	U052	B 100 (45.4)
Phenol, 2-methyl-4,6-dinitro-, & salts	534521	4,6-Dinitro-o-cresol, and salts	1*	2,3,4	P047	A 10 (4.54)
Phenol, 2,2'-methylenebis[3,4,6-trichloro-	70304	Hexachlorophene	1*	4	U132	B 100 (45.4)
Phenol, 3-(1-methylethyl)-, methyl carbamate (m-Cumanyl methylcarbamate).	64006	.....	1*	4	P202	##
Phenol, 2-(1-methylpropyl)-4,6-dinitro	88857	Dinoseb	1*	4	P020	C 1000 (454)
Phenol, 3-methyl-5-(1-methylethyl)-, methyl carbamate (Promecarb)	2631370	1*	4	P201	##

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Phenol, 4-nitro-	100027	p-Nitrophenol 4-Nitrophenol	1000	1,2,3,4	U170	B	100 (45.4)
Phenol, pentachloro	87865	Pentachlorophenol	10	1,2,3,4	U242	A	10 (4.54)
Phenol, 2,3,4,6-tetrachloro-	58902	2,3,4,6-Tetrachlorophenol	1*	4	U212	A	10 (4.54)
Phenol, 2,4,5-trichloro-	95954	2-4,5-Trichlorophenol	10	1,3,4	U230	A	10 (4.54)
Phenol, 2,4,6-trichloro-	88062	2,4,6-Trichlorophenol	10	1,2,3,4	U231	A	10 (4.54)
Phenol, 2,4,6-trinitro-, ammonium salt	131748	Ammonium picrate	1*	4	P009	A	10 (4.54)
L-Phenylalanine, 4-[bis(2-chloroethyl) aminol]	148823	Melphalan	1*	4	U150	X	1 (0.454)
p-Phenylenediamine	106503	.....	1*	3		D	5000 (2270)
1,10-(1,2-Phenylene)pyrene	193395	Indeno(1,2,3-cd)pyrene	1*	2,4	U137	B	100 (45.4)
Phenylmercury acetate	62384	Mercury, (acetato-O)phenyl-	1*	4	P092	B	100 (45.4)
Phenylthiourea	103855	Thiourea, phenyl-	1*	4	P093	B	100 (45.4)
Phorate	298022	Phosphorodithioc acid, O,O-diethyl S-(ethylthio), methyl ester.	1*	4	P094	A	10 (4.54)
Phosgene	75445	Carbonic dichloride	5000	1,3,4	P095	A	10 (4.54)
Phosphine	7803512	Hydrogen phosphide	1*	3,4	P096	B	100 (45.4)
Phosphoric acid	7664382	.....	5000	1		D	5000 (2270)
Phosphoric acid, diethyl 4-nitrophenyl ester	311455	Diethyl-p-nitrophenyl phosphate	1*	4	P041	B	100 (45.4)
Phosphoric acid, lead(2+) salt (2:3)	7446277	Lead phosphate	1*	4	U145	A	10 (4.54)
Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl]ester	298044	Disulfoton	1	1,4	P039	X	1 (0.454)
Phosphorodithioic acid, O,O-diethyl S-(ethylthio), methyl ester	298022	Phorate	1*	4	P094	A	10 (4.54)
Phosphorodithioic acid, O,O-diethyl S-methyl ester	3288582	O,O-Diethyl S-methyl dithiophosphate	1*	4	U087	D	5000 (2270)
Phosphorodithioic acid, O,O-dimethyl S-[2(methylamino)-2-oxoethyl] ester	60515	Dimethoate	1*	4	P044	A	10 (4.54)
Phosphorofluoridic acid, bis(1-methylethyl) ester	55914	Diisopropylfluorophosphate	1*	4	P043	B	100 (45.4)
Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester	56382	Parathion	1	1,3,4	P089	A	10 (4.54)
Phosphorothioic acid, O,[4-[(dimethylamino) sulfonyl]phenyl]O,O-di-methyl ester	52857	Famphur	1*	4	P097	C	1000 (454)
Phosphorothioic acid, O,O-dimethyl O-(4- nitrophenyl) ester	298000	Methyl parathion	100	1,4	P071	B	100 (45.4)
Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester	297972	O,O-Diethyl O-pyrazinyl phosphorothioate	1*	4	P040	B	100 (45.4)
Phosphorus	7723140	.....	1	1,3		X	1 (0.454)
Phosphorus oxychloride	10025873	.....	5000	1		C	1000 (454)
Phosphorus pentasulfide	1314803	Phosphorus sulfide Sulfur phosphide	100	1,4	U189	B	100 (45.4)
Phosphorus sulfide	1314803	Phosphorus pentasulfide Sulfur phosphide	100	1,4	U189	B	100 (45.4)
Phosphorus trichloride	7719122	.....	5000	1		C	1000 (454)
PHTHALATE ESTERS	N.A.	.....	1*	2			**
Phthalic anhydride	85449	1,3-Isobenzofuranidine	1*	3,4	U190	D	5000 (2270)
2-Picoline	109068	Pyridine, 2-methyl-	1*	4	U191	D	5000 (2270)
Piperidine, 1-nitroso-	100754	N-Nitrosopiperidine	1*	4	U179	A	10 (4.54)
Plumbane, tetraethyl-	78002	Tetraethyl lead	100	1,4	P110	A	10 (4.54)
POLYCHLORINATED BIPHENYLS	1336363	Aroclors	10	1,2,3		X	1 (0.454)
		PCBs					
Aroclor 1016	12674112	.....	10	1,2,3		X	1 (0.454)
Aroclor 1221	11104282	.....	10	1,2,3		X	1 (0.454)
Aroclor 1232	11141165	.....	10	1,2,3		X	1 (0.454)
Aroclor 1242	53469219	.....	10	1,2,3		X	1 (0.454)
Aroclor 1248	12672296	.....	10	1,2,3		X	1 (0.454)
Aroclor 1254	11097691	.....	10	1,2,3		X	1 (0.454)
Aroclor 1260	11096825	.....	10	1,2,3		X	1 (0.454)
Polycyclic Organic Matter ^e	N.A.	.....	1*	3			**

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued
 [Note: All Comments/Notes Are Located at the End of This Table]

Hazardous substance	CASRN	Regulatory synonyms	Statutory		Final RQ	
			RQ	Code †	RCRA waste Number	Category
POLYNUCLEAR AROMATIC HYDROCARBONS	N.A.	.....	1*	2		**
Potassium arsenate	7784410	.....	1000	1	X	1 (0.454)
Potassium arsenite	10124502	.....	1000	1	X	1 (0.454)
Potassium bichromate	7778509	.....	1000	1	A	10 (4.54)
Potassium chromate	7789006	.....	1000	1	A	10 (4.54)
Potassium cyanide	151508	Potassium cyanide K (CN)	10	1,4	P098	A
Potassium cyanide K(CN)	151508	Potassium cyanide	10	1,4	P098	A
Potassium hydroxide	1310583	.....	1000	1	C	1000 (454)
Potassium permanganate	7722647	.....	100	1	B	100 (45.4)
Potassium silver cyanide	506616	Argentate (1-), bis(cyano-C)-, potassium	1*	4	P099	X
Pronamide	23950585	Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-.	1*	4	U192	D
Propanal, 2-methyl-2-(methylthio)-, O-[(methylamino)carbonyl]oxime	116063	Aldicarb	1*	4	P070	X
1-Propanamine	107108	n-Propylamine	1*	4	U194	D
1-Propanamine, N-propyl-	142847	Dipropylamine	1*	4	U110	D
1-Propanamine, N-nitroso-N-propyl-	621647	Di-n-propylnitrosamine	1*	2,4	U111	A
Propane, 2-nitro	79469	2-Nitropropane	1*	3,4	U171	A
1,3-Propane sultone	1120714	1,2-Oxathiolane, 2,2-dioxide	1*	3,4	U193	A
Propane, 1,2-dibromo-3-chloro	96128	1,2-Dibromo-3-chloropropane	1*	3,4	U066	X
Propane, 1,2-dichloro-	78875	1,2-Dichloropropane	5000	1,2,3,4	U083	C
		Propylene dichloride				1000 (454)
Propanedinitrile	109773	Malononitrile	1*	4	U149	C
Propanenitrile	107120	Ethyl cyanide	1*	4	P101	A
Propanenitrile, 3-chloro-	542767	3-Chloropropionitrile	1*	4	P027	C
Propanenitrile, 2-hydroxy-2-methyl-	75865	Acetone cyanohydrin	10	1,4	P069	A
		2-Methylacetonitrile				10 (4.54)
Propane, 2,2'-oxybis[2-chloro-1,2,3-Propanetriol, trinitrate-	108601	Dichloroisopropyl ether	1*	2,4	U027	C
1-Propanol, 2,3-dibromo-, phosphate (3:1)	55630	Nitroglycerine	1*	4	P081	A
1-Propanol, 2-methyl-	126727	Tris(2,3-dibromopropyl) phosphate	1*	4	U235	A
Propanal, 2-methyl-2-(methylsulfonyl)-, O-[(methylamino)carbonyl] oxime (Aldicarb sulfone)	1646884	Isobutyl alcohol	1*	4	U140	D
		.....	1*	4	P203	##
2-Propanone	67641	Acetone	1*	4	U002	D
2-Propanone, 1-bromo-	598312	Bromoacetone	1*	4	P017	C
Propargite	2312358	.....	10	1	A	10 (4.54)
Propargyl alcohol	107197	2-Propyn-1-ol	1*	4	P102	C
2-Propenal	107028	Acrolein	1	1,2,3,4	P003	X
2-Propenamide	79061	Acrylamide	1*	3,4	U007	D
1-Propene, 1,1,2,3,3-hexachloro-	1888717	Hexachloropropene	1*	4	U243	C
1-Propene, 1,3-dichloro-	542756	1,3-Dichloropropene	5000	1,2,3,4	U084	B
2-Propenenitrile	107131	Acrylonitrile	100	1,2,3,4	U009	B
						100 (45.4)

2-Propenenitrile, 2-methyl-	126987	Methacrylonitrile	1*	4	U152	C	1000 (454)
2-Propenoic acid	79107	Acrylic acid	1*	3,4	U008	D	5000 (2270)
2-Propenoic acid, ethyl ester	140885	Ethyl acrylate	1*	3,4	U113	C	1000 (454)
2-Propenoic acid, 2-methyl-, ethyl ester	97632	Ethyl methacrylate	1*	4	U118	C	1000 (454)
2-Propenoic acid, 2-methyl-, methyl ester	80626	Methyl methacrylate	5000	1,3,4	U162	C	1000 (454)
2-Propen-1-ol	107186	Allyl alcohol	100	1,4	P005	B	100 (45.4)
beta-Propiolactone	57578	.....	1*	3	A		10 (4.54)
Propionaldehyde	123386	.....	1*	3	C		1000 (454)
Propionic acid	79094	.....	5000	1	D		5000 (2270)
Propionic acid, 2-(2,4,5-trichlorophenoxy)-	93721	Silvex (2,4,5-TP)	100	1,4	U233	B	100 (45.4)
Propionic anhydride	123626	2,4,5-TP acid	5000	1		D	5000 (2270)
Propoxur (Baygon)	114261	.....	1*	3	B		100 (45.4)
n-Propylamine	107108	1-Propanamine	1*	4	U194	D	5000 (2270)
Propylene dichloride	78875	1,2-Dichloropropane	5000	1,2,3,4	U083	C	1000 (454)
Propylene oxide	75569	Propane, 1,2-dichloro-	5000	1,3		B	100 (45.4)
1,2-Propylenimine	75558	Aziridine, 2-methyl-	1*	3,4	P067	X	1 (0.454)
2-Propyn-1-ol	107197	2-Methyl aziridine	1*	4	P102	C	1000 (454)
Pyrene	129000	Propargyl alcohol	1*	2		D	5000 (2270)
Pyrethrins	121211	.....	1000	1		X	1 (0.545)
8003347							
3,6-Pyridazine-dione, 1,2-dihydro-	123331	Maleic hydrazide	1*	4	U148	D	5000 (2270)
4-Pyridinamine	504245	4-Aminopyridine	1*	4	P008	C	1000 (454)
Pyridine	110861	.....	1*	4	U196	C	1000 (454)
Pyridine, 2-methyl-	109068	2-Picoline	1*	4	U191	D	5000 (2270)
Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-	54115	Nicotine, & salts	1*	4	P075	B	100 (45.4)
2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl)amino]-4'(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-	66751	Uracil mustard	1*	4	U237	A	10 (4.54)
Pyrrolidine, 1-nitroso-	56042	Methylthiouracil	1*	4	U164	A	10 (4.54)
Pyrrolo[2,3-b] indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethyl-, methylcarbamate (ester), (3aS-cis)-(Physostigmine).	930552	N-Nitrosopyrrolidine	1*	4	U180	X	1 (0.454)
Quinoline	57476	.....	1*	4	P204		##
Quinoline	91225	.....	1000	1,3		D	5000 (2270)
Quinone	106514	p-Benzoquinone	1*	3,4	U197	A	10 (4.54)
Quintobenzene	82688	2,5-Cyclohexadiene-1,4-dione	1*	3,4	U185	B	100(45.4)
RADIONUCLIDES	N.A.	PCNB	1*	3			\$
Radionuclides (including radon)	N.A.	Pentachloronitro-	1*	3			\$
Reserpine	50555	benzene	1*	4	U200	D	5000 (2270)
Resorcinol	108463	16beta,17alpha,18beta,20alpha)-.	1000	1,4	U201	D	5000 (2270)
Saccharin and salts	81072	1,3-Benzenediol	1*	4	U202	B	100 (45.4)
Safrole	94597	1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide	1*	4	U203	B	100 (45.4)

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued
 [Note: All Comments/Notes Are Located at the End of This Table]

Hazardous substance	CASRN	Regulatory synonyms	Statutory		Final RQ		
			RQ	Code †	RCRA waste Number	Category	
Selenious acid	7783008	.....	1*	4	U204	A	10 (4.54)
Selenious acid, dithallium (1+) salt	12039520	Thallium selenite	1*	4	P114	C	1000 (454)
Selenium‡	7782492	.....	1*	2		B	100 (45.4) **
SELENIUM AND COMPOUNDS	N.A.	Selenium Compounds	1*	2,3			**
Selenium Compounds	N.A.	SELENIUM COMPOUNDS	1*	2,3			**
Selenium dioxide	7446084	Selenium oxide	1000	1,4	U204	A	10 (4.54)
Selenium oxide	7446084	Selenium dioxide	1000	1,4	U204	A	10 (4.54)
Selenium sulfide	7488564	Selenium sulfide SeS ₂	1*	4	U205	A	10 (4.54)
Selenium sulfide SeS ₂	7488564	Selenium sulfide	1*	4	U205	A	10 (4.54)
Selenourea	630104	.....	1*	4	P103	C	1000 (454)
L-Serine, diazacetate (ester)	115026	Azaserine	1*	4	U015	X	1 (0.454)
Silver‡	7440224	.....	1*	2		C	1000 (454) **
SILVER AND COMPOUNDS	N.A.	.....	1*	2			**
Silver cyanide	506649	Silver cyanide Ag (CN)	1*	4	P104	X	1 (0.454)
Silver cyanide Ag (CN)	506649	Silver cyanide	1*	4	P104	X	1 (0.454)
Silver nitrate	7761888	.....	1	1		X	1 (0.454)
Silvex (2,4,5-TP)	93721	Propionic acid, 2-(2,4,5-trichlorophenoxy)- 2,4,5-TP acid	100	1,4	U233	B	100 (45.4)
Sodium	7440235	.....	1000	1		A	10 (4.54)
Sodium arsenate	7631892	.....	1000	1		X	1 (0.454)
Sodium arsenite	7784465	.....	1000	1		X	1 (0.454)
Sodium azide	26628228	.....	1*	4	P105	C	1000 (454)
Sodium bichromate	10588019	.....	1000	1		A	10 (4.54)
Sodium bifluoride	1333831	.....	5000	1		B	100 (45.4)
Sodium bisulfite	7631905	.....	5000	1		D	5000 (2270)
Sodium chromate	7775113	.....	1000	1		A	10 (4.54)
Sodium cyanide	143339	Sodium cyanide Na(CN)	10	1,4	P106	A	10 (4.54)
Sodium cyanide Na(CN)	143339	Sodium cyanide	10	1,4	P106	A	10 (4.54)
Sodium dodecylbenzenesulfonate	25155300	.....	1000	1		C	1000 (454)
Sodium fluoride	7681494	.....	5000	1		C	1000 (454)
Sodium hydrosulfide	16721805	.....	5000	1		D	5000 (2270)
Sodium hydroxide	1310732	.....	1000	1		C	1000 (454)
Sodium hypochlorite	7681529	.....	100	1		B	100 (45.4)
	10022705						
Sodium methylate	124414	.....	1000	1		C	1000 (454)
Sodium nitrite	7632000	.....	100	1		B	100 (45.4)
Sodium phosphate, dibasic	7558794	.....	5000	1		D	5000 (2270)
	10039324						
	10140655						

Sodium phosphate, tribasic	7601549 7758294 7785844 10101890 10124568 10361894	.....	5000	1	D	5000 (2270)
Sodium selenite	10102188 7782823	.....	1000	1	B	100 (45.4)
Streptozotocin	18883664	D-Glucose, 2-deoxy-2-[(methylnitrosoamino)-carbonyl]amino]-. Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoureido)-	1*	4	U206 X	1 (0.454)
Strontium chromate	7789062	.....	1000	1	A	10 (4.54)
Strychnidin-10-one	57249	Strychnine, & salts	10	1,4	P108 A	10 (4.54)
Strychnidin-10-one, 2,3-dimethoxy-	357573	Brucine	1*	4	P018 B	100 (45.4)
Strychnine, & salts	57249	Strychnidin-10-one	10	1,4	P108 A	10 (4.54)
Styrene	100425	.....	1000	1,3	C	1000(454)
Styrene oxide	96093	.....	1*	3	B	100 (45.4)
Sulfur monochloride	127711083	.....	1000	1	C	1000 (454)
Sulfur phosphide	1314803	Phosphorus pentasulfide	100	1,4	U189 B	100 (45.4)
Sulfuric acid	7664939 8014957	.....	1000	1	C	1000 (454)
Sulfuric acid, dithallium (1+) salt	7446186 10031591	Thallium (I) sulfate	1000	1,4	P115 B	100 (45.4)
Sulfuric acid, dimethyl ester	77781	Dimethyl sulfate	1*	3,4	U103 B	100(45.4)
2,4,5-T acid	93765	Acetic acid, (2,4,5-trichlorophenoxy)	100	1,4	U232 C	1000 (454)
2,4,5-T amines	2008460 1319728 3813147 6369966 6369977	2,4,5-T	100	1	D	5000 (2270)
2,4,5-T esters	93798 928478 2545597 25168154 61792072	.....	100	1	C	1000 (454)
2,4,5-T salts	13560991	.....	100	1	C	1000 (454)
2,4,5-T	93765	Acetic acid, (2,4,5-trichlorophenoxy)	100	1,4	U232 C	1000 (454)
TCDD	1746016	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1*	2,3	X	1(0.454)
TDE	72548	Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro- DDD, 4,4' DDD.	1	1,2,4	U060 X	1 (0.454)
1,2,4,5-Tetrachlorobenzene	95943	Benzene, 1,2,4,5-tetrachloro-	1*	4	U207 D	5000 (2270)
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746016	TCDD	1*	2,3	X	1(0.454)
1,1,1,2-Tetrachloroethane	630206	Ethane, 1,1,1,2-tetrachloro-	1*	4	U208 B	100 (45.4)
1,1,2,2-Tetrachloroethane	79345	Ethane, 1,1,2,2-tetrachloro-	1*	2,3,4	U209 B	100(45.4)

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued
 [Note: All Comments/Notes Are Located at the End of This Table]

Hazardous substance	CASRN	Regulatory synonyms	Statutory		Final RQ		
			RQ	Code †	RCRA waste Number	Category	
Tetrachloroethene	127184	Ethene, tetrachloro- Perchloroethylene Tetrachloroethylene	1*	2,3,4	U210	B	100(45.4)
Tetrachloroethylene	127184	Ethene, tetrachloro- Perchloroethylene Tetrachloroethylene	1*	2,3,4	U210	B	100(45.4)
2,3,4,6-Tetrachlorophenol	58902	Phenol, 2,3,4,6-tetrachloro-	1*	4	U212	A	10 (4.54)
Tetraethyl lead	78002	Plumbane, tetraethyl-	100	1,4	P110	A	10 (4.54)
Tetraethyl pyrophosphate	107493	Diphosphoric acid, tetraethyl ester	100	1,4	P111	A	10 (4.54)
Tetraethylidithiopyrophosphate	3689245	Thiodiphosphoric acid, tetraethyl ester	1*	4	P109	B	100 (45.4)
Tetrahydrofuran	109999	Furan, tetrahydro-	1*	4	U213	C	1000 (454)
Tetranitromethane	509148	Methane, tetranitro-	1*	4	P112	A	10 (4.54)
Tetraphosphoric acid, hexaethyl ester	757584	Hexaethyl tetraphosphoate	1*	4	P062	B	100 (45.4)
Thallic oxide	1314325	Thallium oxide $Tl_2 O_3$	1*	4	P113	B	100 (45.4)
Thallium‡	7440280	.....	1*	2	.....	C	1000 (454)
Thallium and compounds	N.A.	.....	1*	2	.....	**
Thallium (I) acetate	563688	Acetic acid, thallium(1+) salt	1*	4	U214	B	100 (45.4)
Thallium (I) carbonate	6533739	Carbonic acid, dithallium(1+) salt	1*	4	U215	B	100 (45.4)
Thallium (I) chloride	7791120	Thallium chloride $TlCl$	1*	4	U216	B	100 (45.4)
Thallium chloride $TlCl$	7791120	Thallium(I) chloride	1*	4	U216	B	100 (45.4)
Thallium (I) nitrate	10102451	Nitric acid, thallium (1+) salt	1*	4	U217	B	100 (45.4)
Thallium oxide $Tl_2 O_3$	1314325	Thallic oxide	1*	4	P113	B	100 (45.4)
Thallium selenite	12039520	Selenious acid, dithallium(1+) salt	1*	4	P114	C	1000 (454)
Thallium (I) sulfate	7446186	Sulfuric acid, dithallium(1+) salt	1000	1,4	P115	B	100 (45.4)
Thioacetamide	62555	Ethanethioamide	1*	4	U218	A	10 (4.54)
Thiodiphosphoric acid, tetraethyl ester	3689245	Tetraethylidithiopyrophosphate	1*	4	P109	B	100 (45.4)
Thiofanox	39196184	2-Butanone, 3,3-dimethyl-1-(methylthio)-, O -(methylamino)carbonyl oxime.	1*	4	P045	B	100 (45.4)
Thioimidodicarbonic diamide $[(H_2 N)C(S)]_2 NH$	541537	Dithiobiuret	1*	4	P049	B	100 (45.4)
Thiomethanol	74931	Methanethiol	100	1,4	U153	B	100 (45.4)
Thioperoxydicarbonic diamide $[(H_2 N)C(S)]_2 S_2$, tetramethyl-	137268	Thiram	1*	4	U244	A	10 (4.54)
Thiophenol	108985	Benzene-thiol	1*	4	P014	B	100 (45.4)
Thiosemicarbazide	79196	Hydrazinecarbothioamide	1*	4	P116	B	100 (45.4)
Thiourea	62566	.....	1*	4	U219	A	10 (4.54)
Thiourea, (2-chlorophenyl)-	5344821	1-(o-Chlorophenyl)thiourea	1*	4	P026	B	100 (45.4)
Thiourea, 1-naphthalenyl-	86884	alpha-Naphthylthiourea	1*	4	P072	B	100 (45.4)
Thiourea, phenyl-	103855	Phenylthiourea	1*	4	P093	B	100 (45.4)
Thiram	137268	Thioperoxydicarbonic diamide $[(H_2 N)C(S)]_2 S_2$, tetramethyl-	1*	4	U244	A	10 (4.54)

Titanium tetrachloride	7550450	.....	1*	3		C	1000 (454)
Toluene	108883	Benzene, methyl	1000	1,2,3,4	U220	C	1000(454)
Toluenediamine	95807	Benzenediamine, ar-methyl-	1*	3,4	U221	A	10(4.54)
	496720	2,4-Toluene diamine					
	823405						
2,4-Toluene diamine	25376458	.....	1*	3,4	U221	A	10(4.54)
	95807	Benzenediamine, ar-methyl-					
	496720	Toluenediamine					
	823405						
Toluene diisocyanate	25376458	.....	1*	3,4	U223	B	100 (45.4)
	91087	Benzene, 1,3-diisocyanatomethyl-					
	584849	2,4-Toluene diisocyanate-					
2,4-Toluene diisocyanate	26471625	.....	1*	3,4	U223	B	100 (45.4)
	91087	Benzene, 1,3-diisocya-natomethyl-					
	584849	Toluene diisocyanate					
	26471625						
o-Toluidine	95534	Benzenamine, 2-methyl-	1*	3,4	U328	B	100(45.4)
p-Toluidine	106490	Benzenamine, 4-methyl-	1*	4	U353	B	100 (45.4)
o-Toluidine hydrochloride	636215	Benzenamine, 2-methyl-, hydrochloride	1*	4	U222	B	100 (45.4)
Toxaphene	8001352	Camphene, octachloro-	1*	1,2,3,4	P123	X	1 (0.454)
		Chlorinated camphene					
2,4,5-TP acid	93721	Propionic acid, 2-(2,4,5-trichlorophenoxy)-	100	1,4	U233	B	100 (45.4)
		Silvex (2,4,5-TP)					
2,4,5-TP esters	32534955	.....	100	1		B	100 (45.4)
1H-1,2,4-Triazol-3-amine	61825	Amitrole	1*	4	U011	A	10 (4.54)
Trichlorfon	52686		1000	1		B	100 (45.4)
1,2,4-Trichlorobenzene	120821		1*	2,3		B	100 (45.4)
1,1,1-Trichloroethane	71556	Ethane, 1,1,1-trichloro-	1*	2,3,4	U226	C	1000 (454)
		Methyl chloroform					
1,1,2-Trichloroethane	79005	Ethane, 1,1,2-trichloro	1*	2,3,4	U227	B	100 (45.4)
Trichloroethene	79016	Ethene, trichloro-	1000	1,2,3,4	U228	B	100 (45.4)
		Trichloroethylene					
Trichloroethylene	79016	Ethene, trichloro	1000	1,2,3,4	U228	B	100 (45.4)
		Trichloroethylene					
Trichloromethanesulfenyl chloride	594423	Methanesulfenyl chloride, trichloro-	1*	4	P118	B	100 (45.4)
Trichloromonofluoromethane	75694	Methane, trichlorofluoro-	1*	4	U121	D	5000 (2270)
Trichlorophenol	25167822		10	1		A	10 (4.54)
2,3,4-Trichlorophenol	15950660						
2,3,5-Trichlorophenol	933788						
2,3,6-Trichlorophenol	933755						
2,4,5-Trichlorophenol	95954	Phenol, 2,4,5-trichloro-	10	1,3,4	U230	A	10 (4.54)
2,4,6-Trichlorophenol	88062	Phenol, 2,4,6-trichloro-	10	1,2,3,4	U231	A	10 (4.54)
3,4,5-Trichlorophenol	609198						
2,4,5-Trichlorophenol	95954	Phenol, 2,4,5-trichloro-	10*	1,4	U230	A	10 (4.54)
2,4,6-Trichlorophenol	88062	Phenol, 2,4,6-trichloro-	10	1,2,4	U231	A	10 (4.54)
Triethanolamine dodecylbenzenesulfonate	27323417		1000	1		C	1000 (454)
Triethylamine	121448		5000	1,3		D	5000 (2270)
Trifluralin	1582098		1000	1		B	100 (45.4)
Trimethylamine	75503		1*	3		C	1000 (454)
2,2,4-Trimethylpentane	540841						

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued
 [Note: All Comments/Notes Are Located at the End of This Table]

Hazardous substance	CASRN	Regulatory synonyms	Statutory		Final RQ	
			RQ	Code †	RCRA waste Number	Category
1,3,5-Trinitrobenzene	99354	Benzene, 1,3,5-trinitro-	1*	4	U234	A
1,3,5-Trioxane, 2,4,6-trimethyl-	123637	Paraldehyde	1*	4	U182	C
Tris(2,3-dibromopropyl) phosphate	126727	1-Propanol, 2,3-dibromo-, phosphate ([3:1])	1*	4	U235	A
Trypan blue	72571	2,7-Naphthalenedisulfonic acid, 3,3'-3,3'-di-methyl-(1,1'-biphenyl)-4,4'-dyl]-bis(azo)]bis(5-amino-4-hydroxy)-tetrasodium salt.	1*	4	U236	A
Unlisted Hazardous Wastes Characteristic of Corrosivity	N.A.	.....	1*	4	D002	B
Unlisted Hazardous Wastes Characteristics:	N.A.	.....	1*	4		
Characteristic of Toxicity:						
Arsenic (D004)	N.A.	.....	*1	4	D004	X
Barium (D005)	N.A.	.....	*1	4	D005	C
Benzene (D018)	N.A.	.....	1000	1, 2, 3,	D018	A
Cadmium (D006)	N.A.	.....	*1	4	D006	A
Carbon tetrachloride (D019)	N.A.	.....	5,000	1, 2, 4	D019	A
Chlordane (D020)	N.A.	.....	1	1, 2, 4	D020	X
Chlorobenzene (D021)	N.A.	.....	100	1, 2, 4	D021	B
Chloroform (D022)	N.A.	.....	5,000	1, 2, 4	D022	A
Chromium (D007)	N.A.	.....	*1	4	D007	A
o-Cresol (D023)	N.A.	.....	*1	4	D023	B
m-Cresol (D024)	N.A.	.....	*1	4	D024	B
p-Cresol (D025)	N.A.	.....	*1	4	D025	B
Cresol (D026)	N.A.	.....	*1	4	D026	B
2,4-D (D016)	N.A.	.....	100	1, 4	D016	B
1,4-Dichlorobenzene (D027)	N.A.	.....	100	1, 2, 4	D027	B
1,2-Dichloroethane (D028)	N.A.	.....	5,000	1, 2, 4	D028	B
1,1-Dichloroethylene (D029)	N.A.	.....	5,000	1, 2, 4	D029	B
2,4-Dinitrotoluene (D030)	N.A.	.....	1,000	1, 2, 4	D030	A
Endrin (D012)	N.A.	.....	1	1, 4	D012	X
Heptachlor (and epoxide) (D031)	N.A.	.....	1	1, 2, 4	D031	X
Hexachlorobenzene (D032)	N.A.	.....	*1	2, 4	D032	A
Hexachlorobutadiene (D033)	N.A.	.....	*1	2, 4	D033	X
Hexachloroethane (D034)	N.A.	.....	*1	2, 4	D034	B
Lead (D008)	N.A.	.....	*1	4	D008	A
Lindane (D013)	N.A.	.....	1	1, 4	D013	X
Mercury (D009)	N.A.	.....	*1	4	D009	X
Methoxychlor (D014)	N.A.	.....	1	1, 4	D014	X
Methyl ethyl ketone (D035)	N.A.	.....	*1	4	D035	D
Nitrobenzene (D036)	N.A.	1,000	1, 2, 4	D036	C
Pentachlorophenol (D037)	N.A.	10	1, 2, 4	D037	A

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Pyridine (D038)	N.A.	*1	4	D038	C	1,000 (454)	
Selenium (D010)	N.A.	*1	4	D010	A	10 (4.54)	
Silver (D011)	N.A.	*1	4	D011	X	1 (0.454)	
Tetrachloroethylene (D039)	N.A.	*1	2, 4	D039	B	100 (45.4)	
Toxaphene (D015)	N.A.	1	1, 4	D015	X	1 (0.454)	
Trichloroethylene (D040)	N.A.	1000	1, 2, 4	D040	B	100 (45.4)	
2,4,5-Trichlorophenol (D041)	N.A.	10	1, 4	D041	A	10 (4.54)	
2,4,6-Trichlorophenol (D042)	N.A.	10	1, 2, 4	D042	A	10 (4.54)	
2,4,5-TP (D017)	N.A.	100	1, 4	D017	B	100 (45.4)	
Vinyl chloride (D043)	N.A.	*1	2, 3, 4	D043	X	1 (0.454)	
Unlisted Hazardous Wastes Characteristic of Ignitability	N.A.	1*	4	D001	B	100 (45.4)	
Unlisted Hazardous Wastes Characteristic of Reactivity	N.A.	1*	4	D003	B	100 (45.4)	
Uracil mustard	66751	2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl)amino]-.	1*	4	U237	A	10 (4.54)
Uranyl acetate	541093		5000	1	B	100 (45.4)	
Uranyl nitrate	10102064		5000	1	B	100 (45.4)	
	36478769						
Urea, N-ethyl-N-nitroso-	759739	N-Nitroso-N-ethylurea	1*	4	U176	X	1 (0.454)
Urea, N-methyl-N-nitroso	684935	N-Nitroso-N-methylurea	1*	3,4	U177	X	1 (0.454)
Urethane	51796	Carbamic acid, ethyl ester	1*	3,4	U238	B	100 (45.4)
		Ethyl carbamate					
Vanadic acid, ammonium salt	7803556	Ammonium vanadate	1*	4	P119	C	1000 (454)
Vanadium oxide V ₂ O ₅	1314621	Vanadium pentoxide	1000	1,4	P120	C	1000 (454)
Vanadium pentoxide	1314621	Vanadium oxide V ₂ O ₅	1000	1,4	P120	C	1000 (454)
Vanadyl sulfate	27774136		1000	1	C	1000 (454)	
Vinyl acetate	108054	Vinyl acetate monomer	1000	1,3	D	5000 (2270)	
Vinyl acetate monomer	108054	Vinyl acetate	1000	1,3	D	5000 (2270)	
Vinyllamine, N-methyl-N-nitroso-	4549400	N-Nitrosomethylvinylamine	1*	4	P084	A	10 (4.54)
Vinyl bromide	593602		1*	3	B	100 (45.4)	
Vinyl chloride	75014	Ethene, chloro-	1*	2,3,4	U043	X	1 (0.454)
Vinylidene chloride	75354	1,1-Dichloroethylene	5000	1,2,3,4	U078	B	100 (45.4)
		Ethene, 1,1-dichloro-					
Warfarin, & salts, when present at concentrations greater than 0.3%	81812	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenyl-butyl)- & salts, when present at concentrations greater than 0.3%	1*	4	P001	B	100 (45.4)
Xylene	1330207	Benzene, dimethyl-	1000	1,3,4	U239	B	100 (45.4)
		Xylene (mixed)					
m-Xylene	108383	Xylenes (isomers and mixture)	1*	3	C	1000 (454)	
o-Xylene	95476	Benzene, m-dimethyl-	1*	3	C	1000 (454)	
p-Xylene	106423	Benzene, o-dimethyl-	1*	3	B	100 (45.4)	
Xylene (mixed)	1330207	Benzene, p-dimethyl-	1000	1,3,4	U239	B	100 (45.4)
		Xylene					
Xylenes (isomers and mixture)	1330207	Xylenes (isomers and mixture)	1000	1,3,4	U239	B	100 (45.4)
		Benzene, dimethyl-					
Xylenol	1300716	Xylene	1000	1	C	1000 (454)	
		Xylene (mixed)					

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued
 [Note: All Comments/Notes Are Located at the End of This Table]

Hazardous substance	CASRN	Regulatory synonyms	Statutory		Final RQ		
			RQ	Code †	RCRA waste Number	Category	
Yohimban-16-carboxylic acid,11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]-, methyl ester (3beta,16beta,17alpha,18beta, 20alpha)-	50555	Reserpine	1*	4	U200	D	5000 (2270)
Zinc‡	7440666	.....	1*	2		C	1000 (454)
ZINC AND COMPOUNDS	N.A.	.....	1*	2			**
Zinc acetate	557346	.....	1000	1		C	1000 (454)
Zinc ammonium chloride	52628258	.....	5000	1		C	1000 (454)
14639975							
14639986							
Zinc, bis(dimethylcarbomodithioato-S,S')-, (Ziram)	137304	.....	1*	4	P205		##
Zinc borate	1332076	.....	1000	1		C	1000 (454)
Zinc bromide	7699458	.....	5000	1		C	1000 (454)
Zinc carbonate	3486359	.....	1000	1		C	1000 (454)
Zinc chloride	7646857	.....	5000	1		C	1000 (454)
Zinc cyanide	557211	Zinc cyanide Zn(CN)2	10	1,4	P121	A	10 (4.54)
Zinc cyanide Zn(CN)2	557211	Zinc cyanide	10	1,4	P121	A	10 (4.54)
Zinc fluoride	7783495	.....	1000	1		C	1000 (454)
Zinc formate	557415	.....	1000	1		C	1000 (454)
Zinc hydrosulfite	7779864	.....	1000	1		C	1000 (454)
Zinc nitrate	7779886	.....	5000	1		C	1000 (454)
Zinc phenosulfonate	127822	.....	5000	1		D	5000 (2270)
Zinc phosphide	1314847	Zinc phosphide Zn ₃ P ₂ , when present at concentrations greater than 10%.	1000	1,4	P122	B	100 (45.4)
Zinc phosphide Zn ₃ P ₂ , when present at concentrations greater than 10%.	1314847	Zinc phosphide	1000	1,4	P122	B	100 (45.4)
Zinc silicofluoride	16871719	.....	5000	1		D	5000 (2270)
Zinc sulfate	7733020	.....	1000	1		C	1000 (454)
Zirconium nitrate	13746899	.....	5000	1		D	5000 (2270)
Zirconium potassium fluoride	16923958	.....	5000	1		C	1000 (454)
Zirconium sulfate	14644612	.....	5000	1		D	5000 (2270)
Zirconium tetrachloride	10026116	.....	5000	1		D	5000 (2270)
F001			1*	4	F001	A	10 (4.54)
The following spent halogenated solvents used in degreasing; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures							
(a) Tetrachloroethylene	127184	.....	1*	2,4	U210	B	100 (45.4)
(b) Trichloroethylene	79016	.....	1000	1,2,4	U228	B	100 (45.4)
(c) Methylene chloride	75092	.....	1*	2,4	U080	C	1000 (454)

(d) 1,1,1-Trichloroethane	71556		1*	2,4	U226	C	1000 (454)
(e) Carbon tetrachloride	56235		5000	1,2,4	U211	A	10 (4.54)
(f) Chlorinated fluorocarbons	N.A.					D	5000 (2270)
F002			1*	4	F002	A	10 (4.54)
The following spent halogenated solvents; all spent solvent mixtures/ blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those listed in F001, F004, or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures							
(a) Tetrachloroethylene	127184		1*	2,4	U210	B	100 (45.4)
(b) Methylene chloride	75092		1*	2,4	U080	C	1000 (454)
(c) Trichloroethylene	79016		1000	1,2,4	U228	B	100 (45.4)
(d) 1,1,1-Trichloroethane	71556		1*	2,4	U226	C	1000 (454)
(e) Chlorobenzene	108907		100	1,2,4	U037	B	100 (45.4)
(f) 1,1,2-Trichloro-1,2,2-trifluoroethane	76131					D	5000 (2270)
(g) o-Dichlorobenzene	95501		100	1,2,4	U070	B	100 (45.4)
(h) Trichlorofluoromethane	75694		1*	4	U121	D	5000 (2270)
(i) 1,1,2-Thrichloroethane	79005		1*	2,4	U227	B	100 (45.4)
F003			1*	4	F003	B	100 (45.4)
The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents:							
(a) Xylene	1330207					C	1000 (454)
(b) Acetone	67641					D	5000 (2270)
(c) Ethyl acetate	141786					D	5000 (2270)
(d) Ethylbenzene	100414					C	1000 (454)
(e) Ethyl ether	60297					B	100 (45.4)
(f) Methyl isobutyl ketone	108101					D	5000 (2270)
(g) n-Butyl alcohol	71363					D	5000 (2270)
(h) Cyclohexanone	108941					D	5000 (2270)
(i) Methanol	67561					D	5000 (2270)
F004			1*	4	F004	B	100 (45.4)
The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents:							
(a) Cresols/Cresylic acid	1319773		1000	1,3,4	U052	B	100(45.4)
(b) Nitrobenzene	98953		1000	1,2,4	U169	C	1000 (454)
F005			1*	4	F005	B	100 (45.4)
The following spent non-halogenated solvents and the still bottoms from the recovery of these solvents:							
(a) Toluene	108883		1000	1,2,4	U220	C	1000 (454)
(b) Methyl ethyl ketone	78933		1*	4	U159	D	5000 (2270)
(c) Carbon disulfide	75150		5000	1,4	P022	B	100 (45.4)
(d) Isobutanol	78831		1*	4	U140	D	5000 (2270)
(e) Pyridine	110861		1*	4	U196	C	1000 (454)
F006			1*	4	F006	A	10 (4.54)

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued
 [Note: All Comments/Notes Are Located at the End of This Table]

Hazardous substance	CASRN	Regulatory synonyms	Statutory		Final RQ	
			RQ	Code †	RCRA waste Number	Category
Wastewater treatment sludges from electroplating operations except from the following processes: (1) sulfuric acid anodizing of aluminum, (2) tin plating on carbon steel, (3) zinc plating (segregated basis) on carbon steel, (4) aluminum or zinc-aluminum plating on carbon steel, (5) cleaning/stripping associated with tin, zinc and aluminum plating on carbon steel, and (6) chemical etching and milling of aluminum.						
F007 Spent cyanide plating bath solutions from electroplating operations.			1*	4	F007	A 10 (4.54)
F008 Plating bath residues from the bottom of plating baths from electroplating operations where cyanides are used in the process.			1*	4	F008	A 10 (4.54)
F009 Spent stripping and cleaning bath solutions from electroplating operations where cyanides are used in the process.			1*	4	F009	A 10 (4.54)
F010 Quenching bath residues from oil baths from metal heat treating operations where cyanides are used in the process.			1*	4	F010	A 10 (4.54)
F011 Spent cyanide solution from salt bath pot cleaning from metal heat treating operations.			1*	4	F011	A 10 (4.54)
F012 Quenching wastewater treatment sludges from metal heat treating operations where cyanides are used in the process.			1*	4	F012	A 10 (4.54)
F019 Wastewater treatment sludges from the chemical conversion coating of aluminum except from zirconium phosphating in aluminum can washing when such phosphating is an exclusive conversion coating process.			1	4	F019	A 10 (4.54)
F020 Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- or tetrachlorophenol, or of intermediates used to produce their pesticide derivatives. (This listing does not include wastes from the production of hexachlorophene from highly purified 2,4,5-trichlorophenol.).			1*	4	F020	X 1 (0.454)
F021			1*	4	F021	X 1 (0.454)

Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of pentachlorophenol, or of intermediates used to produce its derivatives.					
F022			1*	4	F022 X 1 (0.454)
Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzenes under alkaline conditions.			1*	4	F023 X 1 (0.454)
F023			1*	4	F023 X 1 (0.454)
Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- and tetrachlorophenols. (This listing does not include wastes from equipment used only for the production or use of hexa-chlorophene from highly purified 2,4,5-tri-chlorophenol.).			1*	4	F024 X 1 (0.454)
F024			1*	4	F024 X 1 (0.454)
Wastes, including but not limited to distillation residues, heavy ends, tars, and reactor cleanout wastes, from the production of chlorinated aliphatic hydrocarbons, having carbon content from one to five, utilizing free radical catalyzed processes. (This listing does not include light ends, spent filters and filter aids, spent dessicants(sic), wastewater, wastewater treatment sludges, spent catalysts, and wastes listed in § 261.32.).			1*	4	F025 X 1 (0.454)
F025			1*	4	F025 X 1 (0.454)
Condensed light ends, spent filters and filter aids, and spent dessicant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution.			1*	4	F026 X 1 (0.454)
F026			1*	4	F026 X 1 (0.454)
Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzene under alkaline conditions.			1*	4	F027 X 1 (0.454)
F027			1*	4	F027 X 1 (0.454)
Discarded unused formulations containing tri-, tetra-, or pentachlorophenol or discarded unused formulations containing compounds derived from these chlorophenols. (This listing does not include formulations containing hexachlorophene synthesized from prepurified 2,4,5-tri-chlorophenol as the sole component.).			1*	4	F028 X 1 (0.454)
F028			1*	4	F028 X 1 (0.454)
Residues resulting from the incineration or thermal treatment of soil contaminated with EPA Hazardous Waste Nos. F020, F021, F022, F023, F026, and F027.					

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TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued
[Note: All Comments/Notes Are Located at the End of This Table]

Hazardous substance	CASRN	Regulatory synonyms	Statutory		Final RQ		
			RQ	Code †	RCRA waste Number	Category	Pounds (Kg)
F032	1*	4	F032	X	1(0.454)
Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that currently use or have previously used chlorophenolic formulations (except potentially cross-contaminated wastes that have had the F032 waste code deleted in accordance with § 261.35 of this chapter or potentially cross-contaminated wastes that are otherwise currently regulated as hazardous wastes (i.e., F034 or F035), and where the generator does not resume or initiate use of chlorophenolic formulations). This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.							
F034	1*	4	F034	X	1(0.454)
Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use creosote formulations. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.							
F035	1*	4	F035	X	1(0.454)
Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use inorganic preservatives containing arsenic or chromium. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.							
F037	1*	4	F037	X	1 (0.454)

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Petroleum refinery primary oil/water/solids separation sludge—Any sludge generated from the gravitational separation of oil/water/solids during the storage or treatment of process wastewaters from petroleum refineries. Such sludges include, but are not limited to, those generated in: oil/water/solids separators; tanks and impoundments; ditches and other conveyances; sumps; and stormwater units receiving dry weather flow. Sludge generated in stormwater units that do not receive dry weather flow, sludges generated from non-contact once-through cooling waters segregated for treatment from other process or oily cooling waters, sludges generated in aggressive biological treatment units as defined in § 261.31(b)(2) (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units) and K051 wastes are not included in this listing.					
F038	1*	4	F038	X	1 (0.454)
Petroleum refinery secondary (emulsified) oil/water/solids separation sludge—Any sludge and/or float generated from the physical and/or chemical separation of oil/water/solids in process wastewaters and oily cooling wastewaters from petroleum refineries. Such wastes include, but are not limited to, all sludges and floats generated in: induced air flotation (IAF) units, tanks and impoundments, and all sludges generated in DAF units. Sludges generated in stormwater units that do not receive dry weather flow, sludges generated from once-through non-contact cooling waters segregated for treatment from other process or oil cooling wastes, sludges and floats generated in aggressive biological treatment units as defined in § 261.31(b)(2) (including sludges and floats generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units) and F037, K048, and K051 wastes are not included in this listing.					
K001	1*	4	K001	X	1 (0.454)
Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that use creosote and/or pentachlorophenol.					
K002	1*	4	K002	A	10 (4.54)
Wastewater treatment sludge from the production of chrome yellow and orange pigments.					
K003	1*	4	K003	A	10 (4.54)
Wastewater treatment sludge from the production of molybdate orange pigments.					
K004	1*	4	K004	A	10 (4.54)
Wastewater treatment sludge from the production of zinc yellow pigments.					
K005	1*	4	K005	A	10 (4.54)
Wastewater treatment sludge from the production of chrome green pigments.					
K006	1*	4	K006	A	10 (4.54)
Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous and hydrated).					

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued
 [Note: All Comments/Notes Are Located at the End of This Table]

Hazardous substance	CASRN	Regulatory synonyms	Statutory		Final RQ		
			RQ	Code †	RCRA waste Number	Category	
K007			1*	4	K007	A	10 (4.54)
Wastewater treatment sludge from the production of iron blue pigments.							
K008			1*	4	K008	A	10 (4.54)
Oven residue from the production of chrome oxide green pigments.							
K009			1*	4	K009	A	10 (4.54)
Distillation bottoms from the production of acetaldehyde from ethylene.							
K010			1*	4	K010	A	10 (4.54)
Distillation side cuts from the production of acetaldehyde from ethylene.							
K011			1*	4	K011	A	10 (4.54)
Bottom stream from the wastewater stripper in the production of acrylonitrile.							
K013			1*	4	K013	A	10 (4.54)
Bottom stream from the acetonitrile column in the production of acrylonitrile.							
K014			1*	4	K014	D	5000 (2270)
Bottoms from the acetonitrile purification column in the production of acrylonitrile.							
K015			1*	4	K015	A	10 (4.54)
Still bottoms from the distillation of benzyl chloride.							
K016			1*	4	K016	X	1 (0.454)
Heavy ends or distillation residues from the production of carbon tetrachloride.							
K017			1*	4	K017	A	10 (4.54)
Heavy ends (still bottoms) from the purification column in the production of epi-chlorohydrin.							
K018			1*	4	K018	X	1 (0.454)
Heavy ends from the fractionation column in ethyl chloride production.							
K019			1*	4	K019	X	1 (0.454)
Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production.							
K020			1*	4	K020	X	1 (0.454)
Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production.							
K021			1*	4	K021	A	10 (4.54)
Aqueous spent antimony catalyst waste from fluoromethanes production.							
K022			1*	4	K022	X	1 (0.454)

K023		1*	4	K023	D	5000 (2270)
Distillation light ends from the production of phthalic anhydride from naphthalene.						
K024		1*	4	K024	D	5000 (2270)
Distillation bottoms from the production of phthalic anhydride from naphthalene.						
K025		1*	4	K025	A	10 (4.54)
Distillation bottoms from the production of nitrobenzene by the nitration of benzene.						
K026		1*	4	K026	C	1000 (454)
Stripping still tails from the production of methyl ethyl pyridines.						
K027		1*	4	K027	A	10 (4.54)
Centrifuge and distillation residues from toluene diisocyanate production.						
K028		1*	4	K028	X	1 (0.454)
Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane.						
K029		1*	4	K029	X	1 (0.454)
Waste from the product steam stripper in the production of 1,1,1-trichloroethane.						
K030		1*	4	K030	X	1 (0.454)
Column bottoms or heavy ends from the combined production of trichloroethylene and perchloroethylene.						
K031		1*	4	K031	X	1 (0.454)
By-product salts generated in the production of MSMA and cacodylic acid.						
K032		1*	4	K032	A	10 (4.54)
Wastewater treatment sludge from the production of chlordane.						
K033		1*	4	K033	A	10 (4.54)
Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chlordane.						
K034		1*	4	K034	A	10 (4.54)
Filter solids from the filtration of hexachlorocyclopentadiene in the production of chlordane.						
K035		1*	4	K035	X	1 (0.454)
Wastewater treatment sludges generated in the production of creosote.						
K036		1*	4	K036	X	1 (0.454)
Still bottoms from toluene reclamation distillation in the production of disulfoton.						
K037		1*	4	K037	X	1 (0.454)
Wastewater treatment sludges from the production of disulfoton.						
K038		1*	4	K038	A	10 (4.54)
Wastewater from the washing and stripping of phorate production.						
K039		1*	4	K039	A	10 (4.54)

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued
 [Note: All Comments/Notes Are Located at the End of This Table]

Hazardous substance	CASRN	Regulatory synonyms	Statutory		Final RQ		
			RQ	Code †	RCRA waste Number	Category	
Filter cake from the filtration of diethylphosphorodithioic acid in the production of phorate.							
K040	1*	4	K040	A	10 (4.54)
Wastewater treatment sludge from the production of phorate.							
K041	1*	4	K041	X	1 (0.454)
Wastewater treatment sludge from the production of toxaphene.							
K042	1*	4	K042	A	10 (4.54)
Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production of 2,4,5-T.							
K043	1*	4	K043	A	10 (4.54)
2,6-Dichlorophenol waste from the production of 2,4-D.							
K044	1*	4	K044	A	10 (4.54)
Wastewater treatment sludges from the manufacturing and processing of explosives.							
K045	1*	4	K045	A	10 (4.54)
Spent carbon from the treatment of wastewater containing explosives.							
K046	1*	4	K046	A	10 (4.54)
Wastewater treatment sludges from the manufacturing, formulation and loading of lead-based initiating compounds.							
K047	1*	4	K047	A	10 (4.54)
Pink/red water from TNT operations.							
K048	1*	4	K048	A	10 (4.54)
Dissolved air flotation (DAF) float from the petroleum refining industry.							
K049	1*	4	K049	A	10 (4.54)
Stop oil emulsion solids from the petroleum refining industry.							
K050	1*	4	K050	A	10 (4.54)
Heat exchanger bundle cleaning sludge from the petroleum refining industry.							
K051	1*	4	K051	A	10 (4.54)
API separator sludge from the petroleum refining industry.							
K052	1*	4	K052	A	10 (4.54)
Tank bottoms (leaded) from the petroleum refining industry.							
K060	1*	4	K060	X	1 (0.454)
Ammonia still lime sludge from coking operations.							
K061	1*	4	K061	A	10 (4.54)
Emission control dust/sludge from the primary production of steel in electric furnaces.							

K062			1*	4	K062	A	10 (4.54)
Spent pickle liquor generated by steel finishing operations of facilities within the iron and steel industry (SIC Codes 331 and 332).							
K064			1*	4	K064	A	10 (4.54)
Acid plant blowdown slurry/sludge resulting from thickening of blowdown slurry from primary copper production.							
K065			1*	4	K065	A	10 (4.54)
Surface impoundment solids contained in and dredged from surface impoundments at primary lead smelting facilities.							
K066			1*	4	K066	A	10 (4.54)
Sludge from treatment of process wastewater and/or acid plant blowdown from primary zinc production.							
K069			1*	4	K069	A	10 (4.54)
Emission control dust/sludge from secondary lead smelting.							
K071			1*	4	K071	X	1 (0.454)
Brine purification muds from the mercury cell process in chlorine production, where separately prepurified brine is not used.							
K073			1*	4	K073	A	10 (4.54)
Chlorinated hydrocarbon waste from the purification step of the dia-phragm cell process using graphite anodes in chlorine production.							
K083			1*	4	K083	B	100 (45.4)
Distillation bottoms from aniline extraction.							
K084			1*	4	K084	X	1 (0.454)
Wastewater treatment sludges generated during the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.							
K085			1*	4	K085	A	10 (4.54)
Distillation or fractionation column bottoms from the production of chlorobenzenes.							
K086			1*	4	K086	A	10 (4.54)
Solvent washes and sludges, caustic washes and sludges, or water washes and sludges from cleaning tubs and equipment used in the formulation of ink from pigments, driers, soaps, and stabilizers containing chromium and lead.							
K087			1*	4	K087	B	100 (45.4)
Decanter tank tar sludge from coking operations.							
K088			1*	4	K088	A	10 (4.54)
Spent potliners from primary aluminum reduction.							
K090			1*	4	K090	A	10 (4.54)
Emission control dust or sludge from ferrochromiumsilicon production.							
K091			1	4	K091	A	10 (4.54)
Emission control dust or sludge from ferrochromium production.							
K093			1*	4	K093	D	5000 (2270)
Distillation light ends from the production of phthalic anhydride from ortho-xylene.							
K094			1*	4	K094	D	5000 (2270)

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued
 [Note: All Comments/Notes Are Located at the End of This Table]

Hazardous substance	CASRN	Regulatory synonyms	Statutory		Final RQ		
			RQ	Code †	RCRA waste Number	Category	
Distillation bottoms from the production of phthalic anhydride from ortho-xylene.							
K095			1*	4	K095	B	100 (45.4)
Distillation bottoms from the production of 1,1,1-trichloroethane.							
K096			1*	4	K096	B	100 (45.4)
Heavy ends from the heavy ends column from the production of 1,1,1-trichloroethane.							
K097			1*	4	K097	X	1 (0.454)
Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane.							
K098			1*	4	K098	X	1 (0.454)
Untreated process wastewater from the production of toxaphene.							
K099			1*	4	K099	A	10 (4.54)
Untreated wastewater from the production of 2,4-D.							
K100			1*	4	K100	A	10 (4.54)
Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting.							
K101			1*	4	K101	X	1 (0.454)
Distillation tar residues from the distillation of aniline-based compounds in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.							
K102			1*	4	K102	X	1 (0.454)
Residue from the use of activated carbon for decolorization in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.							
K103			1*	4	K103	B	100 (45.4)
Process residues from aniline extraction from the production of aniline.							
K104			1*	4	K104	A	10 (4.54)
Combined wastewater streams generated from nitrobenzene/aniline production.							
K105			1*	4	K105	A	10 (4.54)
Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes.							
K106			1*	4	K106	X	1 (0.454)
Wastewater treatment sludge from the mercury cell process in chlorine production.							
K107			10	4	K107	X	10 (4.54)

Column bottoms from product separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazines.							
K108			10	4	K108	X	10 (4.54)
Condensed column overheads from product separation and condensed reactor vent gases from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazines.							
K109			10	4	K109	X	10 (4.54)
Spent filter cartridges from product purification from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazines.							
K110			10	4	K110	X	10 (4.54)
Condensed column overheads from intermediate separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazines.							
K111			1*	4	K111	A	10 (4.54)
Product washwaters from the production of dinitrotoluene via nitration of toluene.							
K112			1*	4	K112	A	10 (4.54)
Reaction by-product water from the drying column in the production of toluenediamine via hydrogenation of dinitrotoluene.							
K113			1*	4	K113	A	10 (4.54)
Condensed liquid light ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.							
K114			1*	4	K114	A	10 (4.54)
Vicinals from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.							
K115			1*	4	K115	A	10 (4.54)
Heavy ends from the purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.							
K116			1*	4	K116	A	10 (4.54)
Organic condensate from the solvent recovery column in the production of toluene diisocyanate via phosgenation of toluenediamine.							
K117			1*	4	K117	X	1 (0.454)
Wastewater from the reaction vent gas scrubber in the production of ethylene bromide via bromination of ethene.							
K118			1*	4	K118	X	1 (0.454)
Spent absorbent solids from purification of ethylene dibromide in the production of ethylene dibromide.							
K123			1*	4	K123	A	10 (4.54)
Process wastewater (including supernates, filtrates, and washwaters) from the production of ethylenebisdithiocarbamic acid and its salts.							
K124			1*	4	K124	A	10 (4.54)
Reactor vent scrubber water from the production of ethylenebisdithiocarbamic acid and its salts.							
K125			1*	4	K125	A	10 (4.54)
Filtration, evaporation, and centrifugation solids from the production of ethylenebisdithiocarbamic acid and its salts.							
K126			1*	4	K126	A	10 (4.54)

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued
 [Note: All Comments/Notes Are Located at the End of This Table]

Hazardous substance	CASRN	Regulatory synonyms	Statutory		Final RQ		
			RQ	Code †	RCRA waste Number	Category	
Baghouse dust and floor sweepings in milling and packaging operations from the production or formulation of ethylenebisdiiocarbamic acid and its salts.							
K131			100	4	K131	X	100 (45.4)
Wastewater from the reactor and spent sulfuric acid from the acid dryer in the production of methyl bromide.							
K132			1000	4	K132	X	1000 (454)
Spent absorbent and wastewater solids from the production of methyl bromide.							
K136			1*	4	K136	X	1 (0.454)
Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.							
K141			1*	4	K141	X	1 (0.454)
Process related from the recovery of coal tar, including, but not limited to, tar collecting sump residues from the production of coke by-products produced from coal. This listing does not include K087 (decanter tank tar sludge from coking operations.).							
K142			1*	4	K142	X	1 (0.454)
Tar storage tank residues from the production of coke from coal or from the recovery of coke by-products produced from coal.							
K143			1*	4	K143	X	1 (0.454)
Process residues from the recovery of light oil, including, but not limited to, those generated in stills, decanters, and wash oil recovery units from the recovery of coke by-products produced from coal.							
K144			1*	4	K144	X	1 (0.454)
Wastewater sump residues from light oil refining, including, but not limited to, intercepting or contamination sump sludges from the recovery of coke by-products produced from coal.							
K145			1*	4	K145	X	1 (0.454)
Residues from naphthalene collection and recovery operations from the recovery of coke by-products produced from coal.							
K147			1*	4	K147	X	1 (0.454)
Tar storage tank residues from coal tar refining.							
K148			1*	4	K148	X	1 (0.454)
Residues from coal tar distillation, including, but not limited to, still bottoms.							
K149			1*	4	K149	A	10 (4.54)

Distillation bottoms from the production of alpha- (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups. [This waste does not include still bottoms from the distillation of benzyl chloride.]							
K150			1*	4	K150	A	10 (4.54)
Organic residuals, excluding spent carbon adsorbent, from the spent chlorine gas and hydrochloric acid recovery processes associated with the production of alpha- (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups.			1*	4	K151	A	10 (4.54)
K151			1*	4	K151	A	10 (4.54)
Wastewater treatment sludges, excluding neutralization and biological sludges, generated during the treatment of wastewaters from the production of alpha- (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups.			1*	4	K156	##	
K156			* 1	4	K156	##	
Organic waste (including heavy ends, still bottoms, light ends, spent solvents, filtrates, and decantates) from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2-propynyl n-butylcarbamate.)			* 1	4	K157	##	
K157			* 1	4	K157	##	
Wastewaters (including scrubber waters, condenser waters, washwaters, and separation waters) from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2-propynyl n-butylcarbamate.).			* 1	4	K158	##	
K158			* 1	4	K158	##	
Bag house dusts and filter/separation solids from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2-propynyl n-butylcarbamate.).			1*	4	K159	##	
K159			1*	4	K159	##	
Organics from the treatment of thiocarbamate wastes.			1*	4	K161	##	
K161			1*	4	K161	##	
Purification solids (including filtration, evaporation, and centrifugation solids), bag house dust, and floor sweepings from the production of dithiocarbamate acids and their salts (This listing does not include K125 or K126).			1*	4	K169	A	10(4.54)
K169'			1*	4	K169	A	10(4.54)
Crude oil storage tank sediment from petroleum refining operations.			1*	4	K170	X	1 (0.454)
K170'			1*	4	K170	X	1 (0.454)
Clarified slurry oil tank sediment and/or in-line filter/separation solids from petroleum refining operations.			1*	4	K171	X	1 (0.454)
K171'			1*	4	K171	X	1 (0.454)
Spent hydrotreating catalyst from petroleum refining operations. (This listing does not include inert support media.)			1*	4	K172	X	1 (0.454)
K172'			1*	4	K172	X	1 (0.454)

TABLE 302.4—LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES—Continued
 [Note: All Comments/Notes Are Located at the End of This Table]

Hazardous substance	CASRN	Regulatory synonyms	Statutory		Final RQ	
			RQ	Code [†]	RCRA waste Number	Category
K174 ^f	1*	4	K174	X
K175 ^f	1*	4	K175	X

Spent hydrorefining catalyst from petroleum refining operations. (This listing does not include inert support media.)

[†] Indicates the statutory source as defined by 1, 2, 3, and 4 below.

[‡] No reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is equal to or exceeds 100 micrometers (0.004 inches).

^{††} The RQ for asbestos is limited to friable forms only.

1—indicates that the statutory source for designation of this hazardous substance under CERCLA is CWA Section 311(b)(4).

2—indicates that the statutory source for designation of this hazardous substance under CERCLA is CWA Section 307(a).

3—indicates that the statutory source for designation of this hazardous substance under CERCLA is CAA Section 112.

4—Indicates that the statutory source for designation of this hazardous substance under CERCLA is RCRA Section 3001.

1*—indicates that the 1-pound RQ is a CERCLA statutory RQ.

Indicates that the RQ is subject to change when the assessment of potential carcinogenicity is completed.

The Agency may adjust the statutory RQ for this hazardous substance in a future rulemaking; until then the statutory RQ applies.

\$—The adjusted RQs for radionuclides may be found in appendix B to this table.

**—indicates that no RQ is being assigned to the generic or broad class.

^aBenzene was already a CERCLA hazardous substance prior to the CAA Amendments of 1990 and received an adjusted 10-pound RQ based on potential carcinogenicity in an August 14, 1989, final rule (54 FR 33418). The CAA Amendments specify that "benzene (including benzene from gasoline)" is a hazardous air pollutant and, thus, a CERCLA hazardous substance.

^bThe CAA Amendments of 1990 list DDE (3547-04-4) as a CAA hazardous air pollutant. The CAS number, 3547-04-4, is for the chemical, p,p'-dichlorodiphenylchloroethylene, CAS number 72-55-9, is already listed in table 302.4 with a final RQ of 1 pound. The substance identified by the CAS number 3547-04-4 has been evaluated and listed as DDE to be consistent with the CAA section 112 listing, as amended.

^cIncludes mineral fiber emissions from facilities manufacturing or processing glass, rock, or slag fibers (or other mineral derived fibers) of average diameter 1 micrometer or less.

^dIncludes mono- and di-ethers of ethylene glycol, diethylene glycol, and triethylene glycol R-(OCH₂CH₂)_n-OR'.

Where:

n = 1, 2, or 3;

R = alkyl C7 or less; or

R = phenyl or alkyl substituted phenyl;

R' = H or alkyl C7 or less; or

OR' consisting of carboxylic acid ester, sulfate, phosphate, nitrate, or sulfonate.

^eIncludes organic compounds with more than one benzene ring, and which have a boiling point greater than or equal to 100 °C.

^fSee 40 CFR 302.6(b)(1) for application of the mixture rule to this hazardous waste.

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CASRN	Hazardous substance
50000	Formaldehyde.
50077	Azirino[2',3'-3,4]pyrrolo[1,2-a]indole-4,7-dione,6-amino-8-[[aminocarbonyl)oxy]methyl]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methyl-[1aS-(1alpha,8beta,8alpha,8balpha)]-Mitomycin C.
50180	Cyclophosphamide. 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide.
50293	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-chloro-4,4'DDT.
50328	Benz[a]pyrene. 3,4-Benzopyrene.
50555	Reserpine. Yohimban-16-carboxylic acid,11,17-dimethoxy-18-[(3',4,5-trimethoxybenzoyl)oxy]-, methyl ester (3beta, 16beta,17alpha,18beta,20alpha)-.
51285	Phenol, 2,4-dinitro-. 2,4-Dinitrophenol.
51434	Epinephrine. 1,2-Benzenediol,4-[1-hydroxy-2-(methylaminoethyl)].
51796	Carbamic acid, ethyl ester. Ethyl carbamate.
52686	Urethane.
52857	Trichlorfon. Famphur.
53703	Phosphorothioic acid, O,[4-[(dimethyl- amino)sulfonyl]phenyl]O,O-dimethyl ester. Dibenzo[a,h]anthracene. Dibenzo[a,h]anthracene. 1,2:5,6-Dibenzanthracene.
53963	Acetamide, N-9H-fluoren-2-yl-. 2-Acetylaminofluorene.
54115	Nicotine & salts.
55185	Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-. Ethanamine, N-ethyl-N-nitroso-. N-Nitrosodiethylamine.
55630	Nitroglycerine.
55914	1,2,3-Propanetriol, trinitrate-. Diisopropylfluorophosphate.
56042	Phosphorofluoridic acid, bis(1-methyl- ethyl ester). Methylthiouracil.
56235	4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-.
56382	Carbon tetrachloride. Methane, tetrachloro-. Parathion.
56495	Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester. Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-3-Methylcholanthrene.
56531	Diethylstilbestrol.
56553	Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis-, (E)-. Benz[a]anthracene.
56724	Benz[a]anthracene. 1,2-Benzanthracene. Coumaphos.
57125	Cyanides (soluble salts and complexes) not otherwise specified.
57147	Hydrazine, 1,1-dimethyl-. 1,1-Dimethylhydrazine.
57249	Strychnidin-10-one. Strychnine, & salts.

APPENDIX A TO § 302.4—SEQUENTIAL CAS REGISTRY NUMBER LIST OF CERCLA HAZARDOUS SUBSTANCES—Continued

CASRN	Hazardous substance
57476	Pyrrolo[2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethyl-, methylcarbamate (ester), (3aS-cis) (Physostigmine).
57647	Benzoic acid, 2-hydroxy-, compd. with (3aS-cis)-1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-yl methylcarbamate ester (1:1) (Physostigmine salicylate).
57749	Chlordane. Chlordane, alpha & gamma isomers.
	CHLORDANE (TECHNICAL MIXTURE AND METABOLITES).
57976	4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-1,2-Benzanthracene, 7,12-dimethyl-. 7,12-Dimethylbenz[a]anthracene.
58899	γ -BHC.
	Cyclohexane, 1,2,3,4,5,6-hexachloro (1 α ,2 α ,3 β ,4 α ,5 α ,6 β)-. Hexachlorocyclohexane (gamma isomer).
	Lindane.
58902	Lindane (all isomers).
	Phenol, 2,3,4,6-tetrachloro-.
59507	2,3,4,6-Tetrachlorophenol.
	p-Chloro-m-cresol.
60004	Phenol, 4-chloro-3-methyl-.
60117	4-Chloro-m-cresol.
	Ethylenediamine-tetraacetic acid (EDTA).
	Ethanamine, N,N-dimethyl-4-(phenylazo)-.
	Dimethyl aminoazobenzene.
60297	p-Dimethylaminoazobenzene.
	Ethane, 1,1'-oxybis-.
60344	Ethyl ether.
	Hydrazine, methyl-.
60515	Methyl hydrazine.
	Dimethoate.
	Phosphorodithioic acid, O,O-dimethyl S-[2-(methylamino)2-oxoethyl] ester.
60571	Didrirl.
	2,7,3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9-hexachloro-1a,2,-2a,3,6,6a,7,7a-octahydro-, (1aalpha,2beta,2aalpha,3beta,6beta,6aalpha,7beta,7aalpha)-.
61825	Amitrole.
	1H-1,2,4-Triazol-3-amine.
62384	Mercury, (acetato-O)phenyl-.
	Phenylmercury acetate.
62442	Acetamide, N-(4-ethoxyphenyl)-.
	Phenacetin.
62500	Ethyl methanesulfonate.
	Methanesulfonic acid, ethyl ester.
62533	Aniline.
	Benzenamine.
62555	Ethanethioamide.
	Thioacetamide.
62566	Thiourea.
62737	Dichlorvos.
62748	Acetic acid, fluoro-, sodium salt.
	Fluoroacetic acid, sodium salt.
62759	Methanamine, N-methyl-N-nitroso-. N-Nitrosodimethylamine.
63252	Carbaryl.
64006	Phenol, 3-(1-methylethyl)-, methyl carbamate (m-Cumanyl methylcarbamate).
64186	Formic acid.
64197	Acetic acid.
65850	Benzoic acid.
66751	Uracil mustard.

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CASRN	Hazardous substance
67561	2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl) amino]-.
	Methanol.
67641	Methyl alcohol.
	Acetone.
67663	2-Propanone.
	Chloroform.
67721	Methane, trichloro-.
	Ethane, hexachloro-.
	Hexachloroethane.
70257	Guanidine, N-methyl-N'-nitro-N-nitroso-MNNG.
70304	Hexachlorophene.
	Phenol, 2,2'-methylenebis[3,4,6-tri-chloro-n-Butyl alcohol.
71363	1-Butanol.
	Benzene.
71432	Ethane, 1,1,1-trichloro-.
71556	Methyl chloroform.
	1,1,1-Trichloroethane.
72208	Endrin.
	Endrin, & metabolites.
	2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octa-hydro-, (1alpha,2beta,2abeta,3alpha,6alpha,6abeta,7beta,7aalpha)-.
72435	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-methoxy-].
	Methoxychlor.
72548	Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro-].
	DDD.
	TDE.
	4,4' DDD.
72559	DDE
	4,4'-DDE.
72571	Trypan blue.
	2,7-Naphthalenedisulfonic acid, 3,3'-(3,3'-dimethyl-1,1'-biphenyl)-4,4'-diyl)-bis(azo)]bis(5-amino-4-hydroxy)-tetrasodium salt.
74839	Bromomethane.
	Methane, bromo-.
	Methyl bromide.
74873	Chloromethane.
	Methane, chloro-.
	Methyl chloride.
74884	Iodomethane
	Methane, iodo-.
	Methyl iodide.
74895	Monomethylamine.
74908	Hydrocyanic acid.
	Hydrogen cyanide.
74931	Methanethiol.
	Methylmercaptan.
	Thiomethanol.
74953	Methane, dibromo-.
	Methylene bromide.
75003	Chloroethane.
	Ethyl chloride.
75014	Ethene, chloro-.
	Vinyl chloride.
75047	Monoethylamine.
75058	Acetonitrile.
75070	Acetaldehyde.
	Ethanal.
75092	Dichlormethane.
	Methane, dichloro-.
	Methylene chloride.
75150	Carbon disulfide.

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CASRN	Hazardous substance
75207	Calcium carbide.
75218	Ethylene oxide.
	Oxirane.
75252	Bromoform.
	Methane, tribromo-.
75274	Dichlorobromomethane.
75343	Ethane, 1,1-dichloro-.
	Ethyldenedichloride.
	1,1-Dichlorethane.
75354	Ethene, 1,1-dichloro-.
	Vinyldene chloride.
	1,1-Dichloethylene.
75365	Acetyl chloride.
75445	Carbonic dichloride.
	Phosgene.
75503	Trimethylamine.
75558	Aziridine, 2-methyl-.
	2-Methylaziridine.
	1,2-Propylenimine.
75569	Propylene oxide.
75605	Arsinic acid, dimethyl-.
	Cacodylic acid.
75649	tert-Butylamine.
75694	Methane, trichlorofluoro-.
	Trichloromonofluoromethane.
75718	Dichlorodifluoromethane.
	Methane, dichlorodifluoro-.
75865	Acetone cyanohydrin.
	Propanenitrile, 2-hydroxy-2-methyl-.
	2-Methylacetonitrile.
75876	Acetaldehyde, trichloro-.
	Chloral.
75990	2,2-Dichloropropionic acid.
76017	Ethane, pentachloro-.
	Pentachloroethane.
76448	Heptachlor.
	4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-.
77474	Hexachlorocyclopentadiene.
	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-.
77781	Dimethyl sulfate.
	Sulfuric acid, dimethyl ester.
78002	Plumbane, tetraethyl-.
	Tetraethyl lead.
78591	Isophorone.
78795	Isoprene.
78819	iso-Butylamine.
78831	Isobutyl alcohol.
	1-Propanol, 2-methyl-.
78875	Propane, 1,2-dichloro-.
	Propylene dichloride.
	1,2-Dichloropropane.
78886	2,3-Dichloropropene.
78933	2-Butanone.
	MEK.
	Methyl ethyl ketone.
78999	1,1-Dichloropropane.
79005	Ethane, 1,1,2-trichloro-.
	1,1,2-Trichloroethane.
79016	Ethene, trichloro-.
	Trichloroethene.
	Trichloroethylene-.
79061	Acrylamide.
	2-Propenamide.
79094	Propionic acid.
79107	Acrylic acid.
	2-Propenoic acid.
79196	Hydrazinecarbothioamide.
	Thiosemicarbazide.
79221	Carbonochloridic acid, methyl ester.

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APPENDIX A TO § 302.4—SEQUENTIAL CAS REGISTRY NUMBER LIST OF CERCLA HAZARDOUS SUBSTANCES—Continued

CASRN	Hazardous substance
79312	Methyl chlorocarbonate.
79345	Methyl chloroformate.
79447	iso-Butyric acid.
79469	Ethane, 1,1,2,2-tetrachloro-.
80159	1,1,2,2-Tetrachloroethane.
80626	Carbamic chloride, dimethyl-.
81072	Dimethylcarbamoyl chloride.
81812	Propane, 2-nitro-.
82688	2-Nitropropane.
83329	alpha,alpha-Dimethylbenzylhydroperoxide.
84662	Hydroperoxide, 1-methyl-1-phenylethyl-.
84742	Methyl methacrylate.
85007	2-Propenoic acid, 2-methyl-, methyl ester.
85018	Saccharin and salts.
85449	1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide.
85687	Warfarin, & salts, when present at concentrations greater than 0.3%.
86306	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenyl -butyl)-, & salts, when present at concentrations greater than 0.3%.
86500	Benzene, pentachloronitro-.
86737	PCNB.
86884	Pentachloronitrobenzene.
87650	Quintobenzene.
87683	Acenaphthene.
87865	Diethyl phthalate.
88062	1,2-Benzenedicarboxylic acid, diethyl ester.
88222	Di-n-butyl phthalate.
88755	Dibutyl phthalate.
88857	n-Butyl phthalate.
891087	1,2-Benzenedicarboxylic acid, dibutyl ester.
91203	Diquat.
91225	Phenanthere.
91587	Phthalic anhydride.
91598	1,3-Isobenzofurandione.
91805	Butyl benzyl phthalate.
91941	N-Nitrosodiphenylamine.
92875	Guthion.
92875	Fluorene.
92875	alpha-Naphthylthiourea.
92875	Thiourea, 1-naphthalenyl-.
92875	Phenol, 2,6-dichloro-.
92875	2,6-Dichlorophenol.
92875	Hexachlorobutadiene.
92875	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-.
92875	Pentachlorophenol.
92875	Phenol, pentachloro-.
92875	Phenol, 2,4,6-trichloro-.
92875	2,4,6-Trichlorophenol.
92875	o-Nitrotoluene.
92875	o-Nitrophenol.
92875	2-Nitrophenol.
92875	Dinoseb.
92875	Phenol, 2-(1-methylpropyl)-4,6-dinitro.
92875	Benzene, 1,3-diisocyanatomethyl-.
92875	Toluene diisocyanate.
92875	2,4-Toluene diisocyanate.
92875	Naphthalene.
92875	Quinoline.
92875	beta-Chloronaphthalene.
92875	Naphthalene, 2-chloro-.
92875	2-Chloronaphthalene.
92875	beta-Naphthylamine.
92875	2-Naphthalenamine.
92875	Methaphylenene.
92875	1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)-.
92875	[1,1'-Biphenyl]-4,4'diamine,3,3'dichloro-.
92875	3,3'-Dichlorobenzidine.
92875	Benzidine.

APPENDIX A TO § 302.4—SEQUENTIAL CAS REGISTRY NUMBER LIST OF CERCLA HAZARDOUS SUBSTANCES—Continued

CASRN	Hazardous substance
93721	[1,1'-Biphenyl]-4,4'diamine.
93765	Propionic acid, 2-(2,4,5-trichlorophenoxy)-.
93798	Silvex (2,4,5-TP).
94111	2,4,5-TP acid.
94586	Acetic acid, (2,4,5-trichlorophenoxy).
94597	2,4,5-T.
94757	2,4,5-T acid.
94757	2,4,5-T esters.
94757	2,4-D Ester.
94757	Dihydrosafrole.
94757	1,3-Benzodioxole, 5-propyl-.
94757	Safrole.
94757	1,3-Benzodioxole, 5-(2-propenyl)-.
94757	Acetic acid (2,4-dichlorophenoxy)-, salts & esters.
94757	2,4-D Acid.
94757	2,4-D, salts and esters.
94791	2,4-D Ester.
94804	2,4-D Ester.
95476	o-Benzene, dimethyl.
95487	o-Xylene.
95501	o-Cresol.
95501	o-Cresylic acid.
95501	Benzene, 1,2-dichloro-.
95534	o-Dichlorobenzene.
95578	1,2-Dichlorobenzene.
95578	Benzenamine, 2-methyl-.
95578	o-Toluidine.
95578	o-Chlorophenol.
95578	Phenol, 2-chloro-.
95578	2-Chlorophenol.
95807	Benzenediamine, ar-methyl-.
95943	Toluenediamine.
95943	2,4-Toluene diamine.
95943	Benzene, 1,2,4,5-tetrachloro-.
95954	1,2,4,5-Tetrachlorobenzene.
96128	Phenol, 2,4,5-trichloro-.
96128	2,4,5-Trichlorophenol.
96184	Propane, 1,2-dibromo-3-chloro-.
96457	1,2-Dibromo-3-chloropropane.
97632	1,2,3-Trichloropropane.
98011	Ethylenethiourea.
98011	2-Imidazolidinethione.
98011	Ethyl methacrylate.
98011	2-Propenoic acid, 2-methyl-, ethyl ester.
98077	Furfural.
98077	2-Furancarboxaldehyde.
98099	Benzene, (trichloromethyl)-.
98099	Benzotrichloride.
98828	Benzenesulfonic acid chloride.
98828	Benzenesulfonyl chloride.
98862	Benzene, (1-methylethyl)-.
98873	Cumene.
98873	Acetophenone.
98873	Ethanone, 1-phenyl-.
98873	Benzal chloride.
98873	Benzene, dichloromethyl-.
98884	Benzoyl chloride.
98953	Benzene, nitro-.
99081	Nitrobenzene.
99354	m-Nitrotoluene.
99354	Benzene, 1,3,5-trinitro-.
99558	1,3,5-Trinitrobenzene.
99558	Benzenamine, 2-methyl-5-nitro-.
99650	5-Nitro-o-toluidine.
99990	m-Dinitrobenzene.
100016	p-Nitrotoluene.
100016	Benzenamine, 4-nitro-.
100027	p-Nitroaniline.
100027	p-Nitrophenol.

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APPENDIX A TO § 302.4—SEQUENTIAL CAS REGISTRY NUMBER LIST OF CERCLA HAZARDOUS SUBSTANCES—Continued

CASRN	Hazardous substance
100254	Phenol, 4-nitro-.
100414	4-Nitrophenol.
100425	p-Dinitrobenzene.
100447	Ethylbenzene.
100470	Styrene.
100754	Benzene, chloromethyl-.
101144	Benzyl chloride.
101279	Benzonitrile.
101553	N-Nitrosoperidine.
103855	Piperidine, 1-nitroso-.
105464	Benzaminine, 4,4'-methylenebis(2-chloro-).
105679	4,4'-Methylenebis(2-chloroaniline).
106423	Carbamic acid, (3-chlorophenyl)-, 4-chloro-2-butynyl ester (Barban).
106445	Benzene, 1-bromo-4-phenoxy-.
106467	4-Bromophenyl phenyl ether.
106478	Phenylthiourea.
106503	Thiourea, phenyl-.
106514	sec-Butyl acetate.
106898	Phenol, 2,4-dimethyl-.
106934	2,4-Dimethylphenol.
107028	p-Benzene, dimethyl.
107051	p-Xylene.
107062	p-Cresol.
107108	p-Cresyl acid.
107120	Benzene, 1,4-dichloro-.
107131	p-Dichlorobenzene.
107153	1,4-Dichlorobenzene.
107186	Benzenamine, 4-chloro-.
107200	p-Chloroaniline.
107200	Benzenamine, 4-methyl-.
107200	p-Toluidine.
107200	Phenylenediamine (para-isomer).
107200	p-Benzoquinone.
107200	2,5-Cyclohexadiene-1,4-dione.
107200	Quinone.
107200	1-Chloro-2,3-epoxypropane.
107200	Epichlorohydrin.
107200	Oxirane, (chloromethyl)-.
107200	Dibromoethane.
107200	Ethane, 1,2-dibromo-.
107200	Ethylene, dibromide.
107200	Acrolein.
107200	2-Propenal.
107200	Allyl chloride.
107200	Ethane, 1,2-dichloro-.
107200	Ethylene dichloride.
107200	1,2-Dichloroethane.
107200	n-Propylamine.
107200	1-Propanamine.
107200	Ethyl cyanide.
107200	Propanenitrile.
107200	Acrylonitrile.
107200	2-Propenenitrile.
107200	Ethylenediamine.
107200	Allyl alcohol.
107200	2-Propen-1-ol.
107200	Propargyl alcohol.
107200	2-Propyn-1-ol.
107200	Acetaldehyde, chloro-.
107302	Chloroacetaldehyde.
107493	Chloromethyl methyl ether.
107493	Methane, chloromethoxy-.
107493	Diphosphoric acid, tetraethyl ester.
107493	Tetraethyl pyrophosphate.
107926	Butyric acid.
108054	Vinyl acetate.
108101	Vinyl acetate monomer.
108101	Methyl isobutyl ketone.
108101	4-Methyl-2-pentanone.

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APPENDIX A TO § 302.4—SEQUENTIAL CAS REGISTRY NUMBER LIST OF CERCLA HAZARDOUS SUBSTANCES—Continued

CASRN	Hazardous substance
108247	Acetic anhydride.
108316	Maleic anhydride.
108383	2,5-Furandione.
108394	m-Benzene, dimethyl.
108463	m-Cresol.
108601	m-Cresylic acid.
108883	Resorcinol.
108907	1,3-Benzenediol.
108941	Dichloroisopropyl ether.
108952	Propane, 2,2'-oxybis[2-chloro-].
108968	Benzene, methyl-.
108973	Toluene.
108985	Benzene, chloro-.
108985	Chlorobenzene.
108992	Cyclohexanone.
109068	Benzene, hydroxy-.
109068	Phenol.
109073	Benzenethiol.
109073	Thiophenol.
109073	Pyridine, 2-methyl-.
109073	2-Picoline.
109739	Butylamine.
109773	Malononitrile.
109897	Propanedinitrile.
109999	Diethylamine.
110009	Furan, tetrahydro-.
110009	Tetrahydrofuran.
110167	Furan.
110178	Maleic acid.
110178	Fumaric acid.
110190	iso-Butyl acetate.
110758	Ethene, 2-chloroethoxy-.
110805	2-Chloroethyl vinyl ether.
110827	Ethanol, 2-ethoxy-.
110827	Ethylene glycol monoethyl ether.
110861	Benzene, hexahydro-.
111444	Cyclohexane.
111546	Pyridine.
111546	Bis (2-chloroethyl) ether.
111546	Dichloroethyl ether.
111546	Ethane, 1,1'-oxybis[2-chloro-].
111546	Carbamodithioic acid, 1,2-ethanediylbis, salts & esters.
111911	Ethylenebisdithiocarbamic acid, salts & esters.
111911	Bis(2-chloroethoxy) methane.
115026	Dichloromethoxy ethane.
115026	Ethane, 1,1'-(methylenebis(oxy)]bis(2-chloro-).
115297	L-Serine, diazoacetate (ester).
115322	Endosulfan.
116063	6,9-Methano-2,4,3-benzodioxathiepin,
116063	6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-, 3-oxide.
117806	Dicofol.
117817	Aldicarb.
117817	Propanal, 2-methyl-2-(methylthio)-, 0-[(methylamino)carbonyl]oxime.
117840	Dichlone.
117840	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester.
117840	Bis(2-ethylhexyl)phthalate.
117840	DEHP.
117840	Diethylhexyl phthalate.
117840	Di-n-octyl phthalate.
118741	1,2-Benzenedicarboxylic acid, dioctyl ester.
118741	Benzene, hexachloro-.
118741	Hexachlorobenzene.

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APPENDIX A TO § 302.4—SEQUENTIAL CAS REGISTRY NUMBER LIST OF CERCLA HAZARDOUS SUBSTANCES—Continued

CASRN	Hazardous substance
119380	Carbamic acid, dimethyl-, 3-methyl-1-(1-methylethyl)-1H-pyrazol-5-yl ester (Isolan).
119904	[1,1'-Biphenyl]-4,4'-diamine,3,3'-dimethoxy-.
119937	3,3'-Dimethoxybenzidine.
120127	[1,1'Biphenyl]-4,4'-diamine,3,3'-dimethyl-.
120581	3,3'-Dimethylbenzidine.
120821	Anthracene.
120832	1,3-Benzodioxole, 5-1-propenyl)-.
120832	1,2,4-Trichlorobenzene.
120832	Phenol, 2,4-dichloro-.
121142	2,4-Dichlorophenol.
121211	Benzene, 1-methyl-2,4-dinitro-.
121299	2,4-Dinitrotoluene.
121448	Pyrethrins.
121755	Triethylamine.
122098	Malathion.
122394	alpha,alpha-Dimethylphenethylamine.
122429	Benzeneethanamine, alpha,alpha-dimethyl-.
122667	Diphenylamine.
122667	Carbamic acid, phenyl-, 1-methylethyl ester (Propham).
123331	Hydrazine, 1,2-diphenyl-.
123331	1,2-Diphenylhydrazine.
123626	Maleic hydrazide.
123637	3,6-Pyridazinedione, 1,2-dihydro-.
123739	Propionic anhydride.
123864	Paraldehyde.
123911	1,3,5-Trioxane, 2,4,6-trimethyl-.
123922	Crotonaldehyde.
124049	2-Butenal.
124403	Butyl acetate.
124414	1,4-Diethyleneoxide.
124481	1,4-Diethylenedioxide.
124481	1,4-Dioxane.
124481	iso-Amyl acetate.
124481	Adipic acid.
124481	Dimethylamine.
124481	Methanamine, N-methyl-.
124481	Sodium methylate.
124481	Chlorodibromomethane.
126727	Tris(2,3-dibromopropyl) phosphate.
126987	1-Propanol, 2,3-dibromo-, phosphate (3:1).
126987	Methacrylonitrile.
126998	2-Propenenitrile, 2-methyl-.
127184	2-Chloro-1,3-butadiene.
127822	Ethene, tetrachloro-.
129000	Perchloroethylene.
130154	Tetrachloroethene.
131113	Zinc phenolsulfonate.
131748	Pyrene.
131895	1,4-Naphthalenedione.
133062	1,4-Naphthoquinone.
134327	Dimethyl phthalate.
134327	1,2-Benzenedicarboxylic acid, dimethyl ester.
134327	Ammonium picrate.
134327	Phenol, 2,4,6-trinitro-, ammonium salt.
134327	Phenol, 2-cyclohexyl-4,6-dinitro-.
134327	2-Cyclohexyl-4,6-dinitrophenol.
137268	Captan.
137268	alpha-Naphthylamine.
137268	1-Naphthalenamine.
137304	Thioperoxydicarbonic diamide ((H ₂ N) ₂ C(S)JS ₂) tetramethyl-.
137304	Thiram.
140885	Zinc, bis(dimethylcarbamodithioato-S,S')-, (Ziram).
140885	Ethyl acrylate.

APPENDIX A TO § 302.4—SEQUENTIAL CAS REGISTRY NUMBER LIST OF CERCLA HAZARDOUS SUBSTANCES—Continued

CASRN	Hazardous substance
141786	2-Propenoic acid, ethyl ester.
142289	Acetic acid, ethyl ester.
142712	Ethyl acetate.
142847	1,3-Dichloropropane.
143339	Cupric acetate.
143500	Dipropylamine.
145733	1-Propanamine, N-propyl-.
148823	Sodium cyanide.
151508	Sodium cyanide Na(CN).
151564	Kepone.
152169	1,3,4-Metheno-2H-cyclobutal[cd]pentalen-2-one, 1,1a,3,3a,4,5,5a,5b,6-decachloroctahydro-.
156605	Endothall.
189559	7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid.
191242	L-Phenylalanine, 4-[bis(2-chloroethyl) aminol].
193395	MePhalan.
205992	Potassium cyanide.
206440	Potassium cyanide K(CN).
218019	Aziridine.
225514	Ethyleneimine.
297972	Diphosphoramide, octamethyl-.
298000	Octamethylpyrophosphoramide.
298022	Ethene, 1,2-dichloro- (E).
298044	1,2-Dichloroethylene.
300765	Benzof[st]pentaphene.
301042	Dibenz[a,i]pyrene.
302012	Benzog[ghi]perylene.
303344	Indeno[1,2,3-cd]pyrene.
305033	1,10-(1,2-Phenylene)pyrene.
309002	Benzo[b]fluoranthene.
311455	Benzo[j,k]fluorene.
311455	Fluoranthene.
311455	Fluoranthene.
311455	Benzo(k)fluoranthene.
311455	Acenaphthylene.
311455	Chrysene.
311455	1,2-Benzphenanthrene.
311455	Benz[c]acridine.
311455	O,O-Diethyl O-pyrazinyl phosphoro-thioate.
311455	Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester.
311455	Methyl parathion.
311455	Phosphorothioic acid, O,O-dimethyl O-(4-nitrophenyl) ester.
311455	Phorate.
311455	Phosphorodithioic acid, O,O-diethyl S-(ethylthio), methyl ester.
311455	Disulfoton.
311455	Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl]ester.
311455	Naled.
311455	Acetic acid, lead(2+) salt.
311455	Lead acetate.
311455	Hydrazine.
311455	Lasiocarpine.
311455	2-Butenoic acid, 2-methyl-, 7[[2,3-dihydroxy-2-(1-methoxyethyl)-3-oxobutoyl]methyl]-2,3,5,7a-tetrahydro-1H-pyrrolizin-1-yl ester, [1S-[1alpha(Z),7(2S*,3R*),7aalpha]]-.
311455	Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]-.
311455	Chlorambucil.
311455	Aldrin.
311455	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-(1alpha,4,4a,4beta,5alpha,8alpha,8beta)-.
311455	Diethyl p-nitrophenyl phosphate.

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APPENDIX A TO § 302.4—SEQUENTIAL CAS REGISTRY NUMBER LIST OF CERCLA HAZARDOUS SUBSTANCES—Continued

CASRN	Hazardous substance
315184	Phosphoric acid, diethyl 4-nitrophenyl ester.
319846	Mexacarbate.
319857	alpha—BHC.
319868	beta—BHC.
319868	delta—BHC.
329715	2,5-Dinitrophenol.
330541	Diuron.
333415	Diazinon.
353504	Carbon oxyfluoride.
	Carbonic difluoride.
357573	Brucine.
	Strychnidin-10-one, 2,3-dimethoxy-.
460195	Cyanogen.
	Ethanodinitrile.
465736	Isodrin.
	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8a-hexahydro (1alpha, 4alpha,4beta,5beta,8beta,8abeta)-.
492808	Auramine.
	Benzenamine, 4,4'-carbonimidoylbis (N,N-dimethyl(N,N-D.methyl)-).
494031	Chlornaphazine.
	Naphthalenamine, N,N'-bis(2-chloroethyl)-.
496720	Benzenediamine, ar-methyl.
	Toluenediamine.
	2,4-Toluene diamine.
504245	4-Aminopyridine.
	4-Pyridinamine.
504609	1-Methylbutadiene.
	1,3-Pentadiene.
506616	Argentate(1-), bis(cyano-C)-,potassium.
	Potassium silver cyanide.
506649	Silver cyanide.
	Silver cyanide Ag(CN).
506683	Cyanogen bromide.
	Cyanogen bromide (CN)Br.
506774	Cyanogen chloride.
	Cyanogen chloride (CN)Cl.
506876	Ammonium carbonate.
506967	Acetyl bromide.
509148	Methane, tetrtnitro.
	Tetranitromethane.
510156	Benzeneacetic acid, 4-chloro- α -chlorophenyl- α -hydroxy-, ethyl ester. (4-
	Chlorobenzilate.
513495	sec-Butylamine.
528290	o-Dinitrobenzene.
534521	4,6-Dinitro-o-cresol, and salts.
540738	Phenol, 2-methyl-4,6-dinitro-, & salts.
	Hydrazine, 1,2-dimethyl-.
	1,2-Dimethylhydrazine.
540885	tert-Butyl acetate.
541093	Uranyl acetate.
541537	Dithiobiuret.
	Thioimidodicarbonic diamide [(H2N)C(S)2NH].
541731	Benzene, 1,3-dichloro.
	m-Dichlorobenzene.
	1,3-Dichlorobenzene.
542621	Barium cyanide.
542756	1-Propene, 1,3-dichloro.
	1,3-Dichloropropene.
542767	Propanenitrile, 3-chloro.
	3-Chloropropionitrile.
542881	Bis(chloromethyl)ether.
	Dichloromethyl ether.
	Methane, oxybis(chloro)-.
543908	Cadmium acetate.
544183	Cobaltous formate.

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APPENDIX A TO § 302.4—SEQUENTIAL CAS REGISTRY NUMBER LIST OF CERCLA HAZARDOUS SUBSTANCES—Continued

CASRN	Hazardous substance
544923	Copper cyanide CuCN.
	Copper cyanide.
554847	m-Nitrophenol.
557197	Nickel cyanide.
	Nickel cyanide Ni(CN)2.
557211	Zinc cyanide.
	Zinc cyanide Zn(CN)2.
557346	Zinc acetate.
557415	Zinc formate.
563122	Ethion.
563688	Acetic acid, thallium(1+) salt.
	Thallium(I) acetate.
573568	2,6-Dinitrophenol.
584849	Benzene, 1,3-diisocyanatomethyl-.
	Toluene diisocyanate.
	2,4-Toluene diisocyanate.
591082	Acetamide, N-(aminothioxomethyl)-1-Acetyl-2-thiourea.
592018	Calcium cyanide.
	Calcium cyanide Ca(CN)2.
592041	Mercuric cyanide.
592858	Mercuric thiocyanate.
592870	Lead thiocyanate.
594423	Methanesulfenyl chloride, trichloro-.
	Trichloromethanesulfenyl chloride.
598312	Bromoacetone.
	2-Propanone, 1-bromo-.
606202	Benzene, 1-methyl-1,3-dinitro-.
	2,6-Dinitrotoluene.
608731	HEXACHLOROCYCLOHEXANE (all isomers).
608935	Benzene, pentachloro-.
	Pentachlorobenzene.
	3,4,5-Trichlorophenol.
610399	3,4-Dinitrotoluene.
615532	Carbamic acid, methylnitroso-, ethyl ester.
	N-Nitroso-N-methylurethane.
616239	n-,2,3 Dichloropropanol.
621647	Di-n-propylnitrosamine.
	1-Propanamine, N-nitroso-N-propyl-.
624839	Methane, isocyanato-.
	Methyl isocyanate.
625161	tert-Amyl acetate.
626380	sec-Amyl acetate.
628637	Amyl acetate.
628864	Fulminic acid, mercury(2+)salt.
	Mercury fulminate.
630104	Selenourea.
630206	Ethane, 1,1,1,2-tetrachloro-.
	1,1,1,2-Tetrachloroethane.
631618	Ammonium acetate.
636215	Benzenamine, 2-methyl-, hydrochloride.
	o-Tolididine hydrochloride.
640197	Acetamide, 2-fluoro-.
	Fluorooacetamide.
644644	Carbamic acid, dimethyl-,1-[(dimethylamino)carbonyl]-5-methyl-1H-pyrazol-3-yl ester (Dimetilan).
684935	N-Nitroso-N-methylurea.
	Urea, N-methyl-N-nitroso.
692422	Arsine, diethyl-.
	Diethylarsine.
696286	Arsonous dichloride, phenyl-.
	Dichlorophenylarsine.
757584	Hexaethyl tetraphosphate.
	Tetraphosphoric acid, hexaethyl ester.
759739	N-Nitroso-N-ethylurea.
	Urea, N-ethyl-N-nitroso-.
764410	1,4-Dichloro-2-butene.
	2-Butene, 1,4-dichloro-.
765344	Glycidylaldehyde.

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APPENDIX A TO § 302.4—SEQUENTIAL CAS REGISTRY NUMBER LIST OF CERCLA HAZARDOUS SUBSTANCES—Continued

CASRN	Hazardous substance
815827	Oxiranecarboxyaldehyde.
823405	Cupric tartrate.
	Benzenediamine, ar-methyl-
	Toluenediamine.
924163	2,4-Toluene diamine.
	N-Nitrosodi-n-butylamine.
930552	1-Butanamine, N-butyl-N-nitroso-
	N-Nitrosopyrrolidine.
933755	Pyrrolidine, 1-nitroso-
933788	2,3,6-Trichlorophenol.
959988	2,3,5-Trichlorophenol.
1024573	alpha-Endosulfan.
1031078	Heptachlor epoxide.
1066304	Endosulfan sulfate.
1066337	Chromic acetate.
1072351	Ammonium bicarbonate.
1111780	Lead stearate.
	Ammonium carbamate.
1116547	Ethanol, 2,2'-(nitrosoimino)bis-
	N-Nitrosodiethanolamine.
1120714	1,2-Oxathiolane, 2,2-dioxide.
1129415	1,3-Propane sulfone.
	Carbamic acid, methyl-, 3-methylphenyl ester (Metolcarb).
1185575	Ferric ammonium citrate.
1194656	Dichlobenil.
1300716	Xylenol.
1303282	Arsenic oxide As2O5.
1303328	Arsenic pentoxide.
1303339	Arsenic disulfide.
1309644	Arsenic trisulfide.
1310583	Antimony trioxide.
1310732	Potassium hydroxide.
1314325	Sodium hydroxide.
	Thallic oxide.
1314621	Thallium oxide Tl2O3.
	Vanadium oxide V2O5.
1314803	Vanadium pentoxide.
	Phosphorus pentasulfide.
	Phosphorus sulfide.
	Sulfur phosphide.
1314847	Zinc phosphide.
	Zinc phosphide Zn3P2, when present at concentrations greater than 10%.
1314870	Lead sulfide.
1319728	2,4,5-T amines.
1319773	Cresol(s).
	Cresylic acid.
	Phenol, methyl-.
1320189	2,4-D Ester.
1321126	Nitrotoluene.
1327522	Arsenic acid.
	Arsenic acid H3AsO4.
1327533	Arsenic oxide As2O3.
	Arsenic trioxide.
1330207	Benzene, dimethyl.
	Xylene (mixed).
1332076	Zinc borate.
1332214	Asbestos.
1333831	Sodium bifluoride.
1335326	Lead subacetate.
	Lead, bis(acetato-O)tetrahydroxytri-
1336216	Ammonium hydroxide.
1336363	Aroclors.
	PCBs.
1338234	POLYCHLORINATED BIPHENYLS.
	Methyl ethyl ketone peroxide.
1338245	2-Butanone peroxide.
	Naphthenic acid.
1341497	Ammonium bifluoride.

APPENDIX A TO § 302.4—SEQUENTIAL CAS REGISTRY NUMBER LIST OF CERCLA HAZARDOUS SUBSTANCES—Continued

CASRN	Hazardous substance
1464535	1,2,3,4-Diepoxybutane.
	2,2'-Bioxirane.
1563388	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-(Carbofuran phenol).
1563662	Carbofuran.
1615801	Hydrazine, 1,2-diethyl-.
	N,N'-Diethylhydrazine.
1646884	Propanal, 2-methyl-2-(methylsulfonyl)-, O-[(methylamino)carbonyl] oxime (Aldicarb sulfone).
1746016	TCDD.
	2,3,7,8-Tetrachlorodibenzo-p-dioxin.
1762954	Ammonium thiocyanate.
1863634	Ammonium benzoate.
1888717	Hexachloropropene.
	1-Propene, 1,1,2,3,3-hexachloro-.
1918009	Dicamba.
1928387	2,4-D Ester.
1928478	2,4,5-T esters.
1928616	2,4-D Ester.
1929733	2,4-D Ester.
2008460	2,4,5-T amines.
2032657	Mercaptodimethyl.
2303164	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester.
	Diallate.
2303175	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3,3-trichloro-2-propenyl) ester (Triallate).
2312358	Propargite.
2545597	2,4,5-T esters.
2631370	Phenol, 3-methyl-5-(1-methylethyl)-, methyl carbamate (Promecarb).
2763964	Muscimol.
	3(2H)-Isoxazolone, 5-(aminomethyl)-.
	5-(Aminomethyl)-3-isoxazolol.
2764729	Diquat.
2921882	Chlorpyrifos.
2944674	Ferric ammonium oxalate.
2971382	2,4-D Ester.
3012655	Ammonium citrate, dibasic.
3164292	Ammonium tartrate.
3165933	Benzenamine, 4-chloro-2-methyl-, hydrochloride.
	4-Chloro-o-toluidine, hydrochloride.
3251238	Cupric nitrate.
3288582	O,O-Diethyl S-methyl dithiophosphate.
	Phosphorodithioic acid, O,O-diethyl S-methyl ester.
3486359	Zinc carbonate.
3689245	Tetraethylthiopyrophosphate.
	Thiodiphosphoric acid, tetraethyl ester.
3813147	2,4,5-T amines.
4170303	Crotonaldehyde.
	2-Butenal.
4549400	N-Nitrosomethylvinylamine.
	Vinylamine, N-methyl-N-nitroso-.
5344821	Thiourea, (2-chlorophenyl)-.
	1-(o-Chlorophenyl)thiourea.
5893663	Cupric oxalate.
5952261	Ethanol, 2,2'-oxybis-, dicarbamate (Diethylene glycol, dicarbamate).
5972736	Ammonium oxalate.
6009707	Ammonium oxalate.
6369966	2,4,5-T amines.
6369977	2,4,5-T amines.
6533739	Carbonic acid, dithallium(1+) salt.
	Thallium(I) carbonate.
7005723	4-Chlorophenyl phenyl ether.
7421934	Endrin aldehyde.
7428480	Lead stearate.

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APPENDIX A TO § 302.4—SEQUENTIAL CAS REGISTRY NUMBER LIST OF CERCLA HAZARDOUS SUBSTANCES—Continued

CASRN	Hazardous substance
7439921	Lead.
7439976	Mercury.
7440020	Nickel.
7440224	Silver.
7440235	Sodium.
7440280	Thallium.
7440360	Antimony.
7440382	Arsenic.
7440417	Beryllium powder.
7440439	Cadmium.
7440473	Chromium.
7440508	Copper.
7440666	Zinc.
7446084	Selenium dioxide.
7446142	Selenium oxide.
7446186	Lead sulfate.
7446277	Sulfuric acid, dithallium(1+) salt.
7446277	Thallium(I) sulfate.
7446277	Lead phosphate.
7447394	Phosphoric acid, lead(2+) salt (2:3).
7488564	Cupric chloride.
7558794	Selenium sulfide.
7601549	Sodium sulfide SeS ₂ .
7631892	Sodium phosphate, dibasic.
7631905	Sodium arsenate.
7632000	Sodium bisulfite.
7645252	Sodium nitrite.
7646857	Lead arsenate.
7647010	Zinc chloride.
7647189	Hydrochloric acid.
7664382	Hydrogen chloride.
7664393	Antimony pentachloride.
7664417	Phosphoric acid.
7664493	Hydrofluoric acid.
7664493	Hydrogen fluoride.
7664493	Ammonia.
7664493	Sulfuric acid.
7681494	Sodium fluoride.
7681529	Sodium hypochlorite.
7697372	Nitric acid.
7699458	Zinc bromide.
7705080	Ferric chloride.
7718549	Nickel chloride.
7719122	Phosphorus trichloride.
7720787	Ferrous sulfate.
7722647	Potassium permanganate.
7723140	Phosphorus.
7733020	Zinc sulfate.
7738945	Chromic acid.
7758294	Sodium phosphate, tribasic.
7758943	Ferrous chloride.
7758954	Lead chloride.
7758987	Cupric sulfate.
7761888	Silver nitrate.
7773060	Ammonium sulfamate.
7775113	Sodium chromate.
7778394	Arsenic acid.
7778441	Arsenic acid H ₃ AsO ₄ .
7778509	Calcium arsenate.
7778543	Potassium bichromate.
7779864	Calcium hypochlorite.
7779864	Zinc hydrosulfite.
7779886	Zinc nitrate.
7782414	Fluorine.
7782492	Selenium.
7782505	Chlorine.
7782630	Ferrous sulfate.
7782823	Sodium selenite.
7782867	Mercurous nitrate.

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APPENDIX A TO § 302.4—SEQUENTIAL CAS REGISTRY NUMBER LIST OF CERCLA HAZARDOUS SUBSTANCES—Continued

CASRN	Hazardous substance
7783008	Selenious acid.
7783064	Hydrogen sulfide.
7783064	Hydrogen sulfide H ₂ S.
7783359	Mercuric sulfate.
7783462	Lead fluoride.
7783495	Zinc fluoride.
7783508	Ferric fluoride.
7783564	Antimony trifluoride.
7784341	Arsenic trichloride.
7784409	Lead arsenate.
7784410	Potassium arsenate.
7784465	Sodium arsenite.
7785844	Sodium phosphate, tribasic.
7786347	Mevinphos.
7786814	Nickel sulfate.
7787475	Beryllium chloride.
7787497	Beryllium fluoride.
7787555	Beryllium nitrate.
7788989	Ammonium chromate.
7789006	Potassium chromate.
7789062	Strontium chromate.
7789095	Ammonium bichromate.
7789426	Cadmium bromide.
7789437	Cobaltous bromide.
7789619	Antimony tribromide.
7790945	Chlorosulfonic acid.
7791120	Thallium chloride TlCl.
7791120	Thallium(I) chloride.
7803512	Hydrogen phosphide.
7803556	Phosphine.
8001352	Ammonium vanadate.
8001352	Vanadic acid, ammonium salt.
8001589	Camphepane, octachloro-.
8001589	Chlorinated camphepane.
8001589	Toxaphene.
8003198	Creosote.
8003198	Dichloropropane—Dichloropropene (mixture).
8003347	Pyrethrins.
8014957	Sulfuric acid.
10022705	Sodium hypochlorite.
10025873	Phosphorus oxychloride.
10025919	Antimony trichloride.
10026116	Zirconium tetrachloride.
10028225	Ferric sulfate.
10031591	Sulfuric acid, dithallium(1+) salt.
10031591	Thallium(I) sulfate.
10039324	Sodium phosphate, dibasic.
10043013	Aluminum sulfate.
10045893	Ferrous ammonium sulfate.
10045940	Mercuric nitrate.
10049055	Chromous chloride.
10099748	Lead nitrate.
10101538	Chromic sulfate.
10101630	Lead iodide.
10101890	Sodium phosphate, tribasic.
10102064	Uranyl nitrate.
10102188	Sodium selenite.
10102439	Nitric oxide.
10102440	Nitrogen oxide NO.
10102440	Nitrogen dioxide.
10102451	Nitrogen oxide NO ₂ .
10102451	Nitric acid, thallium(1+) salt.
10102451	Thallium(I) nitrate.
10102484	Lead arsenate.
10108642	Cadmium chloride.
10124502	Potassium arsenite.
10124568	Sodium phosphate, tribasic.
10140655	Sodium phosphate, dibasic.
10192300	Ammonium bisulfite.
10196040	Ammonium sulfite.

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APPENDIX A TO § 302.4—SEQUENTIAL CAS REGISTRY NUMBER LIST OF CERCLA HAZARDOUS SUBSTANCES—Continued

CASRN	Hazardous substance
10361894	Sodium phosphate, tribasic.
10380297	Cupric sulfate, ammoniated.
10415755	Mercurous nitrate.
10421484	Ferric nitrate.
10544726	Nitrogen dioxide.
10588019	Nitrogen oxide NO ₂ .
10605217	Sodium bichromate.
11096825	Carbamic acid, 1H-benzimidazol-2-yl, methyl ester (Carbendazim). Aroclor 1260. Aroclors. PCBs. POLYCHLORINATED BIPHENYLS.
11097691	Aroclor 1254. Aroclors. PCBs
11104282	POLYCHLORINATED BIPHENYLS. Aroclor 1221. Aroclors. PCBs. POLYCHLORINATED BIPHENYLS.
11115745	Chromic acid.
11141165	Aroclor 1232. Aroclors. PCBs. POLYCHLORINATED BIPHENYLS.
12002038	Cupric acetoarsenate.
12039520	Selenious acid, ditellium(1+) salt. Thallium selenite.
12054487	Nickel hydroxide.
12125018	Ammonium fluoride.
12125029	Ammonium chloride.
12135761	Ammonium sulfide.
12672296	Aroclor 1248. Aroclors. PCBs. POLYCHLORINATED BIPHENYLS.
12674112	Aroclor 1016. Aroclors. PCBs. POLYCHLORINATED BIPHENYLS.
12771083	Sulfur monochloride.
13463393	Nickel carbonyl. Nickel carbonyl Ni(CO) ₄ , (T-4)-. 2,4,5-T salts.
13560991	Beryllium nitrate.
13597994	Zirconium nitrate.
13746899	Calcium chromate.
13765190	Chromic acid H ₂ CrO ₄ , calcium salt. Lead fluoborate.
13814965	Ammonium fluoborate.
13826830	sec-Butylamine.
13952846	Cobaltous sulfamate.
14017415	Nickel nitrate.
14216752	Ammonium oxalate.
14258492	Lithium chromate.
14307358	Ammonium tartrate.
14307438	Zinc ammonium chloride.
14639975	Zinc ammonium chloride.
14639986	Sodium hydrosulfide.
14644612	Zirconium sulfate.
15339363	Manganese, bis(dimethylcarbamodithioato-S,S')- (Manganese dimethylidithiocarbamate).
15699180	Nickel ammonium sulfate.
15739807	Lead sulfate.
15950660	2,3,4-Trichlorophenol.
16721805	Sodium hydrosulfide. Ethanimidothioic acid, N-[(methylamino)carbonyl] oxy]-, methyl ester.
16752775	Methomyl.

APPENDIX A TO § 302.4—SEQUENTIAL CAS REGISTRY NUMBER LIST OF CERCLA HAZARDOUS SUBSTANCES—Continued

CASRN	Hazardous substance
16871719	Zinc silicofluoride.
16919190	Ammonium silicofluoride.
16923958	Zirconium potassium fluoride.
17702577	Methanimidamide, N,N-dimethyl-N'-(2-methyl-4-[(methylamino)carbonyl]oxy)phenyl]- (Formparanate).
17804352	Carbamic acid, [1-[(butylamino)carbonyl]-1H-benzimidazol-2-yl, methyl ester (Benomyl).
18883664	D-Glucose, 2-deoxy-2-[(methylnitroamino)carbonyl]amino]-. Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoureido)-. Streptozotocin.
20816120	Osmium oxide OsO ₄ (T-4)-. Osmium tetroxide.
20830813	Daunomycin. 5,12-Naphthacenedione, 8-acetyl-10-[3-amino-2,3,6-trideoxy-alpha-L-lyxo-hexopyranosyl]oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-.
20859738	Aluminum phosphide.
22781233	1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate (Bendiocarb).
22961826	1,3-Benzodioxol-4-ol, 2,2-dimethyl-, (Bendiocarb phenol).
23135220	Ethanimidothioc acid, 2-(dimethylamino)-N-[(methylamino)carbonyl]oxy]-2-oxo-, methyl ester (Oxamyl).
23422539	Methanimidamide, N,N-dimethyl-N'-(3-[(methylamino)carbonyl]oxy)phenyl]-, monohydrochloride (Formetanate hydrochloride).
23564058	Carbamic acid, [1,2-phenylenebis(iminocarbonothioly)]bis-, dimethyl ester (Thiophanate-methyl).
23950585	Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-. Pronamide.
25154545	Dinitrobenzene (mixed).
25154556	Nitrophenol (mixed).
25155300	Sodium dodecylbenzenesulfonate.
25167822	Trichlorophenol.
25168154	2,4,5-T esters.
25168267	2,4-D Ester.
25321146	Dinitrotoluene.
25321226	Dichlorobenzene.
25376458	Benzenediamine, ar-methyl-. Toluenediamine.
25550587	2,4-Toluene diamine.
26264062	Dinitrophenol.
26419738	Calcium dodecylbenzenesulfonate.
26471625	1,3-Dithiolane-2-carboxaldehyde, 2,4-dimethyl-, O-[(methylamino)carbonyl]oxime (Irpate).
26628228	Benzene, 1,3-diisocyanatomethyl-. Toluene diisocyanate.
26638197	2,4-Toluene diisocyanate.
26952238	Sodium azide.
27176870	Dichloropropane.
27323417	Dodecylbenzenesulfonic acid.
27774136	Triethanolamine dodecylbenzene sulfonate.
28300745	Vanadyl sulfate.
30525894	Antimony potassium tartrate.
30558431	Paraformaldehyde.
32534955	Ethanimidothioic acid, 2-(dimethylamino)-N-hydroxy-2-oxo-, methyl ester (A2213).
33213659	2,4,5-TP esters.
36478769	beta - Endosulfan.
	Uranyl nitrate.

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APPENDIX A TO § 302.4—SEQUENTIAL CAS REGISTRY NUMBER LIST OF CERCLA HAZARDOUS SUBSTANCES—Continued

CASRN	Hazardous substance
37211055	Nickel chloride.
39196184	Thiofanox
42504461	2-Butanone, 3,3-dimethyl-1-(methylthio)-, O[(methylamino)carbonyl] oxime.
52628258	Zinc ammonium chloride.
52652592	Lead stearate.
52740166	Calcium arsenite.
52888809	Carbamothioic acid, dipropyl-, S-(phenylmethyl) ester (Prosulfocarb).
53467111	2,4-D Ester.
53469219	Aroclor 1242
	Aroclors.
	PCBs.
55285148	POLYCHLORINATED BIPHENYLS.
	Carbamic acid, [(dibutylamino)thio]methyl-, 2,3-dihydro-2,2-dimethyl-7-benzofuranyl ester (Carbosulfan).
55488874	Ferric ammonium oxalate.
56189094	Lead stearate.
59669260	Ethanimidothioic acid, N,N'-[thiobis[(methylimino)carbonyloxy]]bis-, dimethyl ester (Thiodicarb).
61792072	2,4,5-T esters.

APPENDIX B TO § 302.4—RADIONUCLIDES

Radionuclide	Atomic Number	Final RQ Ci (Bq)
Radionuclides [®]	1& (3.7E 10)
Actinium-224	89	100 (3.7E 12)
Actinium-225	89	1 (3.7E 10)
Actinium-226	89	10 (3.7E 11)
Actinium-227	89	0.001 (3.7E 7)
Actinium-228	89	10 (3.7E 11)
Aluminum-26	13	10 (3.7E 11)
Americium-237	95	1000 (3.7E 13)
Americium-238	95	100 (3.7E 12)
Americium-239	95	100 (3.7E 12)
Americium-240	95	10 (3.7E 11)
Americium-241	95	0.01 (3.7E 8)
Americium-242m	95	0.01 (3.7E 8)
Americium-242	95	100 (3.7E 12)
Americium-243	95	0.01 (3.7E 8)
Americium-244m	95	1000 (3.7E 13)
Americium-244	95	10 (3.7E 11)
Americium-245	95	1000 (3.7E 13)
Americium-246m	95	1000 (3.7E 13)
Americium-246	95	1000 (3.7E 13)
Antimony-115	51	1000 (3.7E 13)
Antimony-116m	51	100 (3.7E 12)
Antimony-116	51	1000 (3.7E 13)
Antimony-117	51	1000 (3.7E 13)
Antimony-118m	51	10 (3.7E 11)
Antimony-119	51	1000 (3.7E 13)
Antimony-120 (16 min)	51	1000 (3.7E 13)
Antimony-120 (5.76 day)	51	10 (3.7E 11)
Antimony-122	51	10 (3.7E 11)
Antimony-124m	51	1000 (3.7E 13)
Antimony-124	51	10 (3.7E 11)
Antimony-125	51	10 (3.7E 11)
Antimony-126m	51	1000 (3.7E 13)
Antimony-126	51	10 (3.7E 11)
Antimony-128	51	10 (3.7E 11)
Antimony-127	51	10 (3.7E 11)
Antimony-128 (10.4 min)	51	1000 (3.7E 13)
Antimony-128 (9.01 hr)	51	10 (3.7E 11)
Antimony-129	51	100 (3.7E 12)

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APPENDIX B TO § 302.4—RADIONUCLIDES—Continued

Radionuclide	Atomic Number	Final RQ Ci (Bq)
Antimony-130	51	100 (3.7E 12)
Antimony-131	51	1000 (3.7E 13)
Argon-39	18	1000 (3.7E 13)
Argon-41	18	10 (3.7E 11)
Arsenic-69	33	1000 (3.7E 13)
Arsenic-70	33	100 (3.7E 12)
Arsenic-71	33	100 (3.7E 12)
Arsenic-72	33	10 (3.7E 11)
Arsenic-73	33	100 (3.7E 12)
Arsenic-74	33	10 (3.7E 11)
Arsenic-76	33	100 (3.7E 12)
Arsenic-77	33	1000 (3.7E 13)
Arsenic-78	33	100 (3.7E 12)
Astatine-207	85	100 (3.7E 12)
Astatine-211	85	100 (3.7E 12)
Barium-126	56	1000 (3.7E 13)
Barium-128	56	10 (3.7E 11)
Barium-131m	56	1000 (3.7E 13)
Barium-131	56	10 (3.7E 11)
Barium-133m	56	100 (3.7E 12)
Barium-133	56	10 (3.7E 11)
Barium-135m	56	1000 (3.7E 13)
Barium-139	56	1000 (3.7E 13)
Barium-140	56	10 (3.7E 11)
Barium-141	56	1000 (3.7E 13)
Barium-142	56	1000 (3.7E 13)
Berkelium-245	97	100 (3.7E 12)
Berkelium-246	97	10 (3.7E 11)
Berkelium-247	97	0.01 (3.7E 8)
Berkelium-249	97	1 (3.7E 10)
Berkelium-250	97	100 (3.7E 12)
Beryllium-7	4	100 (3.7E 12)
Beryllium-10	4	1 (3.7E 10)
Bismuth-200	83	100 (3.7E 12)
Bismuth-201	83	100 (3.7E 12)
Bismuth-202	83	1000 (3.7E 13)
Bismuth-203	83	10 (3.7E 11)
Bismuth-205	83	10 (3.7E 11)
Bismuth-206	83	10 (3.7E 11)
Bismuth-207	83	10 (3.7E 11)
Bismuth-210m	83	0.1 (3.7E 9)
Bismuth-210	83	10 (3.7E 11)
Bismuth-212	83	100 (3.7E 12)
Bismuth-213	83	100 (3.7E 12)
Bismuth-214	83	100 (3.7E 12)
Bromine-74m	35	100 (3.7E 12)
Bromine-74	35	100 (3.7E 12)
Bromine-75	35	100 (3.7E 12)
Bromine-76	35	10 (3.7E 11)
Bromine-77	35	100 (3.7E 12)
Bromine-80m	35	1000 (3.7E 13)
Bromine-80	35	1000 (3.7E 13)
Bromine-82	35	10 (3.7E 11)
Bromine-83	35	1000 (3.7E 13)
Bromine-84	35	100 (3.7E 12)
Cadmium-104	48	1000 (3.7E 13)
Cadmium-107	48	1000 (3.7E 13)
Cadmium-109	48	1 (3.7E 10)
Cadmium-113m	48	0.1 (3.7E 9)
Cadmium-113	48	0.1 (3.7E 9)
Cadmium-115m	48	10 (3.7E 11)
Cadmium-115	48	100 (3.7E 12)
Cadmium-117m	48	10 (3.7E 11)
Cadmium-117	48	100 (3.7E 12)
Calcium-41	20	10 (3.7E 11)
Calcium-45	20	10 (3.7E 11)
Calcium-47	20	10 (3.7E 11)
Californium-244	98	1000 (3.7E 13)
Californium-246	98	10 (3.7E 11)
Californium-248	98	0.1 (3.7E 9)

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Radionuclide	Atomic Number	Final RQ Ci (Bq)
Californium-249	98	0.01 (3.7E 8)
Californium-250	98	0.01 (3.7E 8)
Californium-251	98	0.01 (3.7E 8)
Californium-252	98	0.1 (3.7E 9)
Californium-253	98	10 (3.7E 11)
Californium-254	98	0.1 (3.7E 9)
Carbon-11	6	1000 (3.7E 13)
Carbon-14	6	10 (3.7E 11)
Cerium-134	58	10 (3.7E 11)
Cerium-135	58	10 (3.7E 11)
Cerium-137m	58	100 (3.7E 12)
Cerium-137	58	1000 (3.7E 13)
Cerium-139	58	100 (3.7E 12)
Cerium-141	58	10 (3.7E 11)
Cerium-143	58	100 (3.7E 12)
Cerium-144	58	1 (3.7E 10)
Cesium-125	55	1000 (3.7E 13)
Cesium-127	55	100 (3.7E 12)
Cesium-129	55	100 (3.7E 12)
Cesium-130	55	1000 (3.7E 13)
Cesium-131	55	1000 (3.7E 13)
Cesium-132	55	10 (3.7E 11)
Cesium-134m	55	1000 (3.7E 13)
Cesium-134	55	1 (3.7E 10)
Cesium-135m	55	100 (3.7E 12)
Cesium-135	55	10 (3.7E 11)
Cesium-136	55	10 (3.7E 11)
Cesium-137	55	1 (3.7E 10)
Cesium-138	55	100 (3.7E 12)
Chlorine-36	17	10 (3.7E 11)
Chlorine-38	17	100 (3.7E 12)
Chlorine-39	17	100 (3.7E 12)
Chromium-48	24	100 (3.7E 12)
Chromium-49	24	1000 (3.7E 13)
Chromium-51	24	1000 (3.7E 13)
Cobalt-55	27	10 (3.7E 11)
Cobalt-56	27	10 (3.7E 11)
Cobalt-57	27	100 (3.7E 12)
Cobalt-58m	27	1000 (3.7E 13)
Cobalt-58	27	10 (3.7E 11)
Cobalt-60m	27	1000 (3.7E 13)
Cobalt-60	27	10 (3.7E 11)
Cobalt-61	27	1000 (3.7E 13)
Cobalt-62m	27	1000 (3.7E 13)
Copper-60	29	100 (3.7E 12)
Copper-61	29	100 (3.7E 12)
Copper-64	29	1000 (3.7E 13)
Copper-67	29	100 (3.7E 12)
Curium-238	96	1000 (3.7E 13)
Curium-240	96	1 (3.7E 10)
Curium-241	96	10 (3.7E 11)
Curium-242	96	1 (3.7E 10)
Curium-243	96	0.01 (3.7E 8)
Curium-244	96	0.01 (3.7E 8)
Curium-245	96	0.01 (3.7E 8)
Curium-246	96	0.01 (3.7E 8)
Curium-247	96	0.01 (3.7E 8)
Curium-248	96	0.001 (3.7E 7)
Curium-249	96	1000 (3.7E 13)
Dysprosium-155	66	100 (3.7E 12)
Dysprosium-157	66	100 (3.7E 12)
Dysprosium-159	66	100 (3.7E 12)
Dysprosium-165	66	1000 (3.7E 13)
Dysprosium-166	66	10 (3.7E 11)
Einsteinium-250	99	10 (3.7E 11)
Einsteinium-251	99	1000 (3.7E 13)
Einsteinium-253	99	10 (3.7E 11)
Einsteinium-254m	99	1 (3.7E 10)
Einsteinium-254	99	0.1 (3.7E 9)
Erbium-161	68	100 (3.7E 12)

**APPENDIX B TO § 302.4—RADIONUCLIDES—
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Radionuclide	Atomic Number	Final RQ Ci (Bq)
Erbium-165	68	1000 (3.7E 13)
Erbium-169	68	100 (3.7E 12)
Erbium-171	68	100 (3.7E 12)
Erbium-172	68	10 (3.7E 11)
Europium-145	63	10 (3.7E 11)
Europium-146	63	10 (3.7E 11)
Europium-147	63	10 (3.7E 11)
Europium-148	63	10 (3.7E 11)
Europium-149	63	100 (3.7E 12)
Europium-150 (12.6 hr)	63	1000 (3.7E 13)
Europium-150 (34.2 yr)	63	10 (3.7E 11)
Europium-152m	63	100 (3.7E 12)
Europium-152	63	10 (3.7E 11)
Fermium-154	100	10 (3.7E 11)
Fermium-155	100	10 (3.7E 12)
Fermium-156	100	10 (3.7E 11)
Fermium-157	100	10 (3.7E 11)
Fermium-158	100	1000 (3.7E 13)
Fermium-252	100	10 (3.7E 11)
Fermium-253	100	10 (3.7E 11)
Fermium-254	100	100 (3.7E 12)
Fermium-255	100	100 (3.7E 12)
Fermium-257	100	1 (3.7E 10)
Fluorine-18	9	1000 (3.7E 13)
Francium-222	87	100 (3.7E 12)
Francium-223	87	100 (3.7E 12)
Gadolinium-145	64	100 (3.7E 12)
Gadolinium-146	64	10 (3.7E 11)
Gadolinium-147	64	10 (3.7E 11)
Gadolinium-148	64	0.001 (3.7E 7)
Gadolinium-149	64	100 (3.7E 12)
Gadolinium-151	64	100 (3.7E 12)
Gadolinium-152	64	0.001 (3.7E 7)
Gadolinium-153	64	10 (3.7E 11)
Gadolinium-159	64	1000 (3.7E 13)
Gallium-65	31	1000 (3.7E 13)
Gallium-66	31	10 (3.7E 11)
Gallium-67	31	100 (3.7E 12)
Gallium-68	31	1000 (3.7E 13)
Gallium-70	31	1000 (3.7E 13)
Gallium-72	31	10 (3.7E 11)
Gallium-73	31	100 (3.7E 12)
Germanium-66	32	100 (3.7E 12)
Germanium-67	32	1000 (3.7E 13)
Germanium-68	32	10 (3.7E 11)
Germanium-69	32	10 (3.7E 11)
Germanium-71	32	1000 (3.7E 13)
Germanium-75	32	1000 (3.7E 13)
Germanium-77	32	10 (3.7E 11)
Germanium-78	32	1000 (3.7E 13)
Gold-193	79	100 (3.7E 12)
Gold-194	79	10 (3.7E 11)
Gold-195	79	100 (3.7E 12)
Gold-198	79	10 (3.7E 11)
Gold-198	79	100 (3.7E 12)
Gold-199	79	100 (3.7E 12)
Gold-200	79	10 (3.7E 11)
Gold-200	79	1000 (3.7E 13)
Gold-201	79	1000 (3.7E 13)
Hafnium-170	72	100 (3.7E 12)
Hafnium-172	72	1 (3.7E 10)
Hafnium-173	72	100 (3.7E 12)
Hafnium-175	72	100 (3.7E 12)
Hafnium-177m	72	1000 (3.7E 13)
Hafnium-178m	72	0.1 (3.7E 9)
Hafnium-179m	72	100 (3.7E 12)
Hafnium-180m	72	100 (3.7E 12)
Hafnium-181	72	10 (3.7E 11)
Hafnium-182m	72	100 (3.7E 12)
Hafnium-182	72	0.1 (3.7E 9)

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Radionuclide	Atomic Number	Final RQ Ci (Bq)
Hafnium-183	72	100 (3.7E 12)
Hafnium-184	72	100 (3.7E 12)
Holmium-155	67	1000 (3.7E 13)
Holmium-157	67	1000 (3.7E 13)
Holmium-159	67	1000 (3.7E 13)
Holmium-161	67	1000 (3.7E 13)
Holmium-162m	67	1000 (3.7E 13)
Holmium-162	67	1000 (3.7E 13)
Holmium-164m	67	1000 (3.7E 13)
Holmium-164	67	1000 (3.7E 13)
Holmium-166m	67	1 (3.7E 10)
Holmium-166	67	100 (3.7E 12)
Holmium-167	67	100 (3.7E 12)
Hydrogen-3	1	100 (3.7E 12)
Indium-109	49	100 (3.7E 12)
Indium-110 (69.1 min)	49	100 (3.7E 12)
Indium-110 (4.9 hr)	49	10 (3.7E 11)
Indium-111	49	100 (3.7E 12)
Indium-112	49	1000 (3.7E 13)
Indium-113m	49	1000 (3.7E 13)
Indium-114m	49	10 (3.7E 11)
Indium-115m	49	100 (3.7E 12)
Indium-115	49	0.1 (3.7E 9)
Indium-116m	49	100 (3.7E 12)
Indium-117m	49	100 (3.7E 12)
Indium-117	49	1000 (3.7E 13)
Indium-119m	49	1000 (3.7E 13)
Iodine-120m	53	100 (3.7E 12)
Iodine-120	53	10 (3.7E 11)
Iodine-121	53	100 (3.7E 12)
Iodine-123	53	10 (3.7E 11)
Iodine-124	53	0.1 (3.7E 9)
Iodine-125	53	0.01 (3.7E 8)
Iodine-126	53	0.01 (3.7E 8)
Iodine-128	53	1000 (3.7E 13)
Iodine-129	53	0.001 (3.7E 7)
Iodine-130	53	1 (3.7E 10)
Iodine-131	53	0.01 (3.7E 8)
Iodine-132m	53	10 (3.7E 11)
Iodine-132	53	10 (3.7E 11)
Iodine-133	53	0.1 (3.7E 9)
Iodine-134	53	100 (3.7E 12)
Iodine-135	53	10 (3.7E 11)
Iridium-182	77	1000 (3.7E 13)
Iridium-184	77	100 (3.7E 12)
Iridium-185	77	100 (3.7E 12)
Iridium-186	77	10 (3.7E 11)
Iridium-187	77	100 (3.7E 12)
Iridium-188	77	10 (3.7E 11)
Iridium-189	77	100 (3.7E 12)
Iridium-190m	77	1000 (3.7E 13)
Iridium-190	77	10 (3.7E 11)
Iridium-192m	77	100 (3.7E 12)
Iridium-192	77	10 (3.7E 11)
Iridium-194m	77	10 (3.7E 11)
Iridium-194	77	100 (3.7E 12)
Iridium-195m	77	100 (3.7E 12)
Iridium-195	77	1000 (3.7E 13)
Iron-52	26	100 (3.7E 12)
Iron-55	26	100 (3.7E 12)
Iron-59	26	10 (3.7E 11)
Iron-60	26	0.1 (3.7E 9)
Krypton-74	36	10 (3.7E 11)
Krypton-76	36	10 (3.7E 11)
Krypton-77	36	10 (3.7E 11)
Krypton-79	36	100 (3.7E 12)
Krypton-81	36	1000 (3.7E 13)
Krypton-83m	36	1000 (3.7E 13)
Krypton-85m	36	100 (3.7E 12)
Krypton-85	36	1000 (3.7E 13)

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Radionuclide	Atomic Number	Final RQ Ci (Bq)
Krypton-87	36	10 (3.7E 11)
Krypton-88	36	10 (3.7E 11)
Lanthanum-131	57	1000 (3.7E 13)
Lanthanum-132	57	100 (3.7E 12)
Lanthanum-135	57	1000 (3.7E 13)
Lanthanum-137	57	10 (3.7E 11)
Lanthanum-138	57	1 (3.7E 10)
Lanthanum-140	57	10 (3.7E 11)
Lanthanum-141	57	1000 (3.7E 13)
Lanthanum-142	57	100 (3.7E 12)
Lanthanum-143	57	1000 (3.7E 13)
Lead-195m	82	1000 (3.7E 13)
Lead-198	82	100 (3.7E 12)
Lead-199	82	100 (3.7E 12)
Lead-200	82	100 (3.7E 12)
Lead-201	82	100 (3.7E 12)
Lead-202m	82	10 (3.7E 11)
Lead-202	82	1 (3.7E 10)
Lead-203	82	100 (3.7E 12)
Lead-205	82	100 (3.7E 12)
Lead-209	82	1000 (3.7E 13)
Lead-210	82	0.01 (3.7E 8)
Lead-211	82	100 (3.7E 12)
Lead-212	82	10 (3.7E 11)
Lead-214	82	100 (3.7E 12)
Lutetium-169	71	10 (3.7E 11)
Lutetium-170	71	10 (3.7E 11)
Lutetium-171	71	10 (3.7E 11)
Lutetium-172	71	10 (3.7E 11)
Lutetium-173	71	100 (3.7E 12)
Lutetium-174m	71	10 (3.7E 11)
Lutetium-174	71	10 (3.7E 11)
Lutetium-176m	71	1000 (3.7E 13)
Lutetium-176	71	1 (3.7E 10)
Lutetium-177m	71	10 (3.7E 11)
Lutetium-177	71	100 (3.7E 12)
Lutetium-178m	71	1000 (3.7E 13)
Lutetium-178	71	1000 (3.7E 13)
Lutetium-179	71	1000 (3.7E 13)
Magnesium-28	12	10 (3.7E 11)
Manganese-51	25	1000 (3.7E 13)
Manganese-52m	25	1000 (3.7E 13)
Manganese-52	25	10 (3.7E 11)
Manganese-53	25	1000 (3.7E 13)
Manganese-54	25	10 (3.7E 11)
Manganese-56	25	100 (3.7E 12)
Mendelevium-257	101	100 (3.7E 12)
Mendelevium-258	101	1 (3.7E 10)
Mercury-193m	80	10 (3.7E 11)
Mercury-193	80	100 (3.7E 12)
Mercury-194	80	0.1 (3.7E 9)
Mercury-195m	80	100 (3.7E 12)
Mercury-195	80	100 (3.7E 12)
Mercury-197m	80	1000 (3.7E 13)
Mercury-197	80	1000 (3.7E 13)
Mercury-199m	80	1000 (3.7E 13)
Mercury-203	80	10 (3.7E 11)
Molybdenum-90	42	100 (3.7E 12)
Molybdenum-93m	42	10 (3.7E 11)
Molybdenum-93	42	100 (3.7E 12)
Molybdenum-99	42	100 (3.7E 12)
Molybdenum-101	42	1000 (3.7E 13)
Neodymium-136	60	1000 (3.7E 13)
Neodymium-138	60	1000 (3.7E 13)
Neodymium-139m	60	100 (3.7E 12)
Neodymium-139	60	1000 (3.7E 13)
Neodymium-141	60	1000 (3.7E 13)
Neodymium-147	60	10 (3.7E 11)
Neodymium-149	60	100 (3.7E 12)
Neodymium-151	60	1000 (3.7E 13)

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Radionuclide	Atomic Number	Final RQ Ci (Bq)
Neptunium-232	93	1000 (3.7E 13)
Neptunium-233	93	1000 (3.7E 13)
Neptunium-234	93	10 (3.7E 11)
Neptunium-235	93	1000 (3.7E 13)
Neptunium-236 (1.2 E 5 yr)	93	0.1 (3.7E 9)
Neptunium-236 (22.5 hr)	93	100 (3.7E 12)
Neptunium-237	93	0.01 (3.7E 8)
Neptunium-238	93	10 (3.7E 11)
Neptunium-239	93	100 (3.7E 12)
Neptunium-240	93	100 (3.7E 12)
Nickel-56	28	10 (3.7E 11)
Nickel-57	28	10 (3.7E 11)
Nickel-59	28	100 (3.7E 12)
Nickel-63	28	100 (3.7E 12)
Nickel-65	28	100 (3.7E 12)
Nickel-66	28	10 (3.7E 11)
Niobium-88	41	100 (3.7E 12)
Niobium-89 (66 min)	41	100 (3.7E 12)
Niobium-89 (122 min)	41	100 (3.7E 12)
Niobium-90	41	10 (3.7E 11)
Niobium-93m	41	100 (3.7E 12)
Niobium-94	41	10 (3.7E 11)
Niobium-95m	41	100 (3.7E 12)
Niobium-95	41	10 (3.7E 11)
Niobium-96	41	10 (3.7E 11)
Niobium-97	41	100 (3.7E 12)
Niobium-98	41	1000 (3.7E 13)
Osmium-180	76	1000 (3.7E 13)
Osmium-181	76	100 (3.7E 12)
Osmium-182	76	100 (3.7E 12)
Osmium-185	76	10 (3.7E 11)
Osmium-189m	76	1000 (3.7E 13)
Osmium-191m	76	1000 (3.7E 13)
Osmium-191	76	100 (3.7E 12)
Osmium-193	76	100 (3.7E 12)
Osmium-194	76	1 (3.7E 10)
Palladium-100	46	100 (3.7E 12)
Palladium-101	46	100 (3.7E 12)
Palladium-103	46	100 (3.7E 12)
Palladium-107	46	100 (3.7E 12)
Palladium-109	46	1000 (3.7E 13)
Phosphorus-32	15	0.1 (3.7E 9)
Phosphorus-33	15	1 (3.7E 10)
Platinum-186	78	100 (3.7E 12)
Platinum-188	78	100 (3.7E 12)
Platinum-189	78	100 (3.7E 12)
Platinum-191	78	100 (3.7E 12)
Platinum-193m	78	100 (3.7E 12)
Platinum-193	78	1000 (3.7E 13)
Platinum-195m	78	100 (3.7E 12)
Platinum-197m	78	1000 (3.7E 13)
Platinum-197	78	1000 (3.7E 13)
Platinum-199	78	1000 (3.7E 13)
Platinum-200	78	100 (3.7E 12)
Plutonium-234	94	1000 (3.7E 13)
Plutonium-235	94	1000 (3.7E 13)
Plutonium-236	94	0.1 (3.7E 9)
Plutonium-237	94	1000 (3.7E 13)
Plutonium-238	94	0.01 (3.7E 8)
Plutonium-239	94	0.01 (3.7E 8)
Plutonium-240	94	0.01 (3.7E 8)
Plutonium-241	94	1 (3.7E 10)
Plutonium-242	94	0.01 (3.7E 8)
Plutonium-243	94	1000 (3.7E 13)
Plutonium-244	94	0.01 (3.7E 8)
Plutonium-245	94	100 (3.7E 12)
Polonium-203	84	100 (3.7E 12)
Polonium-205	84	100 (3.7E 12)
Polonium-207	84	10 (3.7E 11)
Polonium-210	84	0.01 (3.7E 8)

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Radionuclide	Atomic Number	Final RQ Ci (Bq)
Potassium-40	19	1 (3.7E 10)
Potassium-42	19	100 (3.7E 12)
Potassium-43	19	10 (3.7E 11)
Potassium-44	19	100 (3.7E 12)
Potassium-45	19	1000 (3.7E 13)
Praseodymium-136	59	1000 (3.7E 13)
Praseodymium-137	59	1000 (3.7E 13)
Praseodymium-138m	59	100 (3.7E 12)
Praseodymium-139	59	1000 (3.7E 13)
Praseodymium-142m	59	1000 (3.7E 13)
Praseodymium-142	59	100 (3.7E 12)
Praseodymium-143	59	10 (3.7E 11)
Praseodymium-144	59	1000 (3.7E 13)
Praseodymium-145	59	1000 (3.7E 13)
Praseodymium-147	59	1000 (3.7E 13)
Promethium-141	61	1000 (3.7E 13)
Promethium-143	61	100 (3.7E 12)
Promethium-144	61	10 (3.7E 11)
Promethium-145	61	100 (3.7E 12)
Promethium-146	61	10 (3.7E 11)
Promethium-147	61	10 (3.7E 11)
Promethium-148m	61	10 (3.7E 11)
Promethium-148	61	10 (3.7E 11)
Promethium-149	61	100 (3.7E 12)
Promethium-150	61	100 (3.7E 12)
Promethium-151	61	100 (3.7E 12)
Protactinium-227	91	100 (3.7E 12)
Protactinium-228	91	10 (3.7E 11)
Protactinium-230	91	10 (3.7E 11)
Protactinium-231	91	0.01 (3.7E 8)
Protactinium-232	91	10 (3.7E 11)
Protactinium-233	91	100 (3.7E 12)
Protactinium-234	91	10 (3.7E 11)
Radium-223	88	1 (3.7E 10)
Radium-224	88	10 (3.7E 11)
Radium-225	88	1 (3.7E 10)
Radium-226 Φ	88	0.1 (3.7E 9)
Radium-227	88	1000 (3.7E 13)
Radium-228	88	0.1 (3.7E 9)
Radon-220	86	0.1 (3.7E 9)
Radon-222	86	0.1 (3.7E 9)
Rhenium-177	75	1000 (3.7E 13)
Rhenium-178	75	1000 (3.7E 13)
Rhenium-181	75	100 (3.7E 12)
Rhenium-182 (12.7 hr)	75	10 (3.7E 11)
Rhenium-182 (64.0 hr)	75	10 (3.7E 11)
Rhenium-184m	75	10 (3.7E 11)
Rhenium-184	75	10 (3.7E 11)
Rhenium-186m	75	10 (3.7E 11)
Rhenium-186	75	100 (3.7E 12)
Rhenium-187	75	1000 (3.7E 13)
Rhenium-188m	75	1000 (3.7E 13)
Rhenium-188	75	1000 (3.7E 13)
Rhenium-189	75	1000 (3.7E 13)
Rhodium-99	45	100 (3.7E 12)
Rhodium-99	45	10 (3.7E 11)
Rhodium-100	45	10 (3.7E 11)
Rhodium-101m	45	100 (3.7E 12)
Rhodium-101	45	10 (3.7E 11)
Rhodium-102m	45	10 (3.7E 11)
Rhodium-102	45	10 (3.7E 11)
Rhodium-103m	45	1000 (3.7E 13)
Rhodium-105	45	100 (3.7E 12)
Rhodium-106m	45	10 (3.7E 11)
Rhodium-107	45	1000 (3.7E 13)
Rubidium-79	37	1000 (3.7E 13)
Rubidium-81m	37	1000 (3.7E 13)
Rubidium-81	37	100 (3.7E 12)
Rubidium-82m	37	10 (3.7E 11)
Rubidium-83	37	10 (3.7E 11)

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**APPENDIX B TO § 302.4—RADIONUCLIDES—
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Radionuclide	Atomic Number	Final RQ Ci (Bq)
Rubidium-84	37	10 (3.7E 11)
Rubidium-86	37	10 (3.7E 11)
Rubidium-88	37	1000 (3.7E 13)
Rubidium-89	37	1000 (3.7E 13)
Rubidium-87	37	10 (3.7E 11)
Ruthenium-94	44	1000 (3.7E 13)
Ruthenium-97	44	100 (3.7E 12)
Ruthenium-103	44	10 (3.7E 11)
Ruthenium-105	44	100 (3.7E 12)
Ruthenium-106	44	1 (3.7E 10)
Samarium-141m	62	1000 (3.7E 13)
Samarium-141	62	1000 (3.7E 13)
Samarium-142	62	1000 (3.7E 13)
Samarium-145	62	100 (3.7E 12)
Samarium-146	62	0.01 (3.7E 8)
Samarium-147	62	0.01 (3.7E 8)
Samarium-151	62	10 (3.7E 11)
Samarium-153	62	100 (3.7E 12)
Samarium-155	62	1000 (3.7E 13)
Samarium-156	62	100 (3.7E 12)
Scandium-43	21	1000 (3.7E 13)
Scandium-44m	21	10 (3.7E 11)
Scandium-44	21	100 (3.7E 12)
Scandium-46	21	10 (3.7E 11)
Scandium-47	21	100 (3.7E 12)
Scandium-48	21	10 (3.7E 11)
Scandium-49	21	1000 (3.7E 13)
Selenium-70	34	1000 (3.7E 13)
Selenium-73m	34	100 (3.7E 12)
Selenium-73	34	10 (3.7E 11)
Selenium-75	34	10 (3.7E 11)
Selenium-79	34	10 (3.7E 11)
Selenium-81m	34	1000 (3.7E 13)
Selenium-81	34	1000 (3.7E 13)
Selenium-83	34	1000 (3.7E 13)
Silicon-31	14	1000 (3.7E 13)
Silicon-32	14	1 (3.7E 10)
Silver-102	47	100 (3.7E 12)
Silver-103	47	1000 (3.7E 13)
Silver-104m	47	1000 (3.7E 13)
Silver-104	47	1000 (3.7E 13)
Silver-105	47	10 (3.7E 11)
Silver-106m	47	10 (3.7E 11)
Silver-106	47	1000 (3.7E 13)
Silver-108m	47	10 (3.7E 11)
Silver-110m	47	10 (3.7E 11)
Silver-111	47	10 (3.7E 11)
Silver-112	47	100 (3.7E 12)
Silver-115	47	1000 (3.7E 13)
Sodium-22	11	10 (3.7E 11)
Sodium-24	11	10 (3.7E 11)
Strontium-80	38	100 (3.7E 12)
Strontium-81	38	1000 (3.7E 13)
Strontium-83	38	100 (3.7E 12)
Strontium-85m	38	1000 (3.7E 13)
Strontium-85	38	10 (3.7E 11)
Strontium-87m	38	100 (3.7E 12)
Strontium-89	38	10 (3.7E 11)
Strontium-90	38	0.1 (3.7E 9)
Strontium-91	38	10 (3.7E 11)
Strontium-92	38	100 (3.7E 12)
Sulfur-35	16	1 (3.7E 10)
Tantalum-172	73	100 (3.7E 12)
Tantalum-173	73	100 (3.7E 12)
Tantalum-174	73	100 (3.7E 12)
Tantalum-175	73	100 (3.7E 12)
Tantalum-176	73	10 (3.7E 11)
Tantalum-177	73	1000 (3.7E 13)
Tantalum-178	73	1000 (3.7E 13)
Tantalum-179	73	1000 (3.7E 13)

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Radionuclide	Atomic Number	Final RQ Ci (Bq)
Tantalum-180m	73	1000 (3.7E 13)
Tantalum-180	73	100 (3.7E 12)
Tantalum-182m	73	1000 (3.7E 13)
Tantalum-182	73	10 (3.7E 11)
Tantalum-183	73	100 (3.7E 12)
Tantalum-184	73	10 (3.7E 11)
Tantalum-185	73	1000 (3.7E 13)
Tantalum-186	73	1000 (3.7E 13)
Technetium-93m	43	1000 (3.7E 13)
Technetium-93	43	100 (3.7E 12)
Technetium-94m	43	100 (3.7E 12)
Technetium-94	43	10 (3.7E 11)
Technetium-96m	43	1000 (3.7E 13)
Technetium-96	43	10 (3.7E 11)
Technetium-97m	43	100 (3.7E 12)
Technetium-97	43	100 (3.7E 12)
Technetium-98	43	10 (3.7E 11)
Technetium-99m	43	100 (3.7E 12)
Technetium-99	43	10 (3.7E 11)
Technetium-101	43	1000 (3.7E 13)
Technetium-104	43	1000 (3.7E 13)
Tellurium-116	52	1000 (3.7E 13)
Tellurium-121m	52	10 (3.7E 11)
Tellurium-121	52	10 (3.7E 11)
Tellurium-123m	52	10 (3.7E 11)
Tellurium-123	52	10 (3.7E 11)
Tellurium-125m	52	10 (3.7E 11)
Tellurium-127m	52	10 (3.7E 11)
Tellurium-127	52	1000 (3.7E 13)
Tellurium-129m	52	10 (3.7E 11)
Tellurium-129	52	1000 (3.7E 13)
Tellurium-131m	52	10 (3.7E 11)
Tellurium-131	52	1000 (3.7E 13)
Tellurium-132	52	10 (3.7E 11)
Tellurium-133m	52	1000 (3.7E 13)
Tellurium-133	52	1000 (3.7E 13)
Tellurium-134	52	1000 (3.7E 13)
Terbium-147	65	100 (3.7E 12)
Terbium-149	65	100 (3.7E 12)
Terbium-150	65	100 (3.7E 12)
Terbium-151	65	10 (3.7E 11)
Terbium-153	65	100 (3.7E 12)
Terbium-154	65	10 (3.7E 11)
Terbium-155	65	100 (3.7E 12)
Terbium-156m (5.0 hr)	65	1000 (3.7E 13)
Terbium-156m (24.4 hr)	65	1000 (3.7E 13)
Terbium-156	65	10 (3.7E 11)
Terbium-157	65	100 (3.7E 12)
Terbium-158	65	10 (3.7E 11)
Terbium-160	65	10 (3.7E 11)
Terbium-161	65	100 (3.7E 12)
Thallium-194m	81	100 (3.7E 12)
Thallium-194	81	1000 (3.7E 13)
Thallium-195	81	100 (3.7E 12)
Thallium-197	81	100 (3.7E 12)
Thallium-198m	81	100 (3.7E 12)
Thallium-198	81	10 (3.7E 11)
Thallium-199	81	100 (3.7E 12)
Thallium-200	81	10 (3.7E 11)
Thallium-201	81	1000 (3.7E 13)
Thallium-202	81	10 (3.7E 11)
Thallium-204	81	10 (3.7E 11)
Thorium-226	90	100 (3.7E 12)
Thorium-227	90	1 (3.7E 10)
Thorium-228	90	0.01 (3.7E 8)
Thorium-229	90	0.001 (3.7E 7)
Thorium-230	90	0.01 (3.7E 8)
Thorium-231	90	100 (3.7E 12)
Thorium-232Φ	90	0.001 (3.7E 7)
Thorium-234	90	100 (3.7E 12)

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**APPENDIX B TO § 302.4—RADIONUCLIDES—
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Radionuclide	Atomic Number	Final RQ Ci (Bq)
Thulium-162	69	1000 (3.7E 13)
Thulium-166	69	10 (3.7E 11)
Thulium-167	69	100 (3.7E 12)
Thulium-170	69	10 (3.7E 11)
Thulium-171	69	100 (3.7E 12)
Thulium-172	69	100 (3.7E 12)
Thulium-173	69	100 (3.7E 12)
Thulium-175	69	1000 (3.7E 13)
Tin-110	50	100 (3.7E 12)
Tin-111	50	1000 (3.7E 13)
Tin-113	50	10 (3.7E 11)
Tin-117m	50	100 (3.7E 12)
Tin-119m	50	10 (3.7E 11)
Tin-121m	50	10 (3.7E 11)
Tin-121	50	1000 (3.7E 13)
Tin-123m	50	1000 (3.7E 13)
Tin-123	50	10 (3.7E 11)
Tin-125	50	10 (3.7E 11)
Tin-126	50	1 (3.7E 10)
Tin-127	50	100 (3.7E 12)
Tin-128	50	1000 (3.7E 13)
Titanium-44	22	1 (3.7E 10)
Titanium-45	22	1000 (3.7E 13)
Tungsten-176	74	1000 (3.7E 13)
Tungsten-177	74	100 (3.7E 12)
Tungsten-178	74	100 (3.7E 12)
Tungsten-179	74	1000 (3.7E 13)
Tungsten-181	74	100 (3.7E 12)
Tungsten-185	74	10 (3.7E 11)
Tungsten-187	74	100 (3.7E 12)
Tungsten-188	74	10 (3.7E 11)
Uranium-230	92	1 (3.7E 10)
Uranium-231	92	1000 (3.7E 13)
Uranium-232	92	0.01 (3.7E 8)
Uranium-233	92	0.1 (3.7E 9)
Uranium-234	92	0.1 (3.7E 9)
Uranium-2350	92	0.1 (3.7E 9)
Uranium-236	92	0.1 (3.7E 9)
Uranium-237	92	100 (3.7E 12)
Uranium-2380	92	0.18 (3.7E 9)
Uranium-239	92	1000 (3.7E 13)
Uranium-240	92	1000 (3.7E 13)
Vanadium-47	23	1000 (3.7E 13)
Vanadium-48	23	10 (3.7E 11)
Vanadium-49	23	1000 (3.7E 13)
Xenon-120	54	100 (3.7E 12)
Xenon-121	54	10 (3.7E 11)
Xenon-122	54	100 (3.7E 12)
Xenon-123	54	10 (3.7E 11)
Xenon-125	54	100 (3.7E 12)
Xenon-127	54	100 (3.7E 12)
Xenon-129m	54	1000 (3.7E 13)
Xenon-131m	54	1000 (3.7E 13)
Xenon-133m	54	1000 (3.7E 13)
Xenon-133	54	1000 (3.7E 13)
Xenon-135m	54	10 (3.7E 11)
Xenon-135	54	100 (3.7E 12)
Xenon-138	54	10 (3.7E 11)
Ytterbium-162	70	1000 (3.7E 13)
Ytterbium-166	70	10 (3.7E 11)
Ytterbium-167	70	1000 (3.7E 13)
Ytterbium-169	70	10 (3.7E 11)
Ytterbium-175	70	100 (3.7E 12)
Ytterbium-177	70	1000 (3.7E 13)
Ytterbium-178	70	1000 (3.7E 13)
Yttrium-86m	39	1000 (3.7E 13)
Yttrium-86	39	10 (3.7E 11)
Yttrium-87	39	10 (3.7E 11)
Yttrium-88	39	10 (3.7E 11)
Yttrium-90m	39	100 (3.7E 12)

**APPENDIX B TO § 302.4—RADIONUCLIDES—
Continued**

Radionuclide	Atomic Number	Final RQ Ci (Bq)
Yttrium-90	39	10 (3.7E 11)
Yttrium-91m	39	1000 (3.7E 13)
Yttrium-91	39	10 (3.7E 11)
Yttrium-92	39	100 (3.7E 12)
Yttrium-93	39	100 (3.7E 12)
Yttrium-94	39	1000 (3.7E 13)
Yttrium-95	39	1000 (3.7E 13)
Zinc-62	30	100 (3.7E 12)
Zinc-63	30	1000 (3.7E 13)
Zinc-65	30	10 (3.7E 11)
Zinc-69m	30	100 (3.7E 12)
Zinc-69	30	1000 (3.7E 13)
Zinc-71m	30	100 (3.7E 12)
Zinc-72	30	100 (3.7E 12)
Zirconium-86	40	100 (3.7E 12)
Zirconium-88	40	10 (3.7E 11)
Zirconium-89	40	100 (3.7E 12)
Zirconium-93	40	1 (3.7E 10)
Zirconium-95	40	10 (3.7E 11)
Zirconium-97	40	10 (3.7E 11)

Ci—Curie. The curie represents a rate of radioactive decay. One curie is the quantity of any radioactive nuclide which undergoes 3.7E 10 disintegrations per second.

Bq—Becquerel. The becquerel represents a rate of radioactive decay. One becquerel is the quantity of any radioactive nuclide which undergoes one disintegration per second. One curie is equal to 3.7E 10 becquerel.

(e) Final RQs for all radionuclides apply to chemical compounds containing the radionuclides and elemental forms regardless of the diameter of pieces of solid material.

&—The adjusted RQ of one curie applies to all radionuclides not otherwise listed. Whenever the RQs in table 302.4 and this appendix to the table are in conflict, the lowest RQ shall apply. For example, uranyl acetate and uranyl nitrate have adjusted RQs shown in table 302.4 of 100 pounds, equivalent to about one-tenth the RQ level for uranium-238 listed in this appendix.

E—Exponent to the base 10. For example, 1.3E 2 is equal to 130 while 1.3E 3 is equal to 1300.

m—Signifies a nuclear isomer which is a radionuclide in a higher energy metastable state relative to the parent isotope.

◊—Notification requirements for releases of mixtures or solutions of radionuclides can be found in § 302.6(b) of this rule. Final RQs for the following four common radionuclide mixtures are provided: radium-226 in secular equilibrium with its daughters (0.053 curie); natural uranium (0.1 curie); natural uranium in secular equilibrium with its daughters (0.052 curie); and natural thorium in secular equilibrium with its daughters (0.011 curie).

[54 FR 33449, Aug. 14, 1989]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting § 302.4, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and on GPO Access.

§ 302.5 Determination of reportable quantities.

(a) *Listed hazardous substances.* The quantity listed in the column "Final RQ" for each substance in table 302.4, or in appendix B to table 302.4, is the reportable quantity (RQ) for that substance. The RQs in table 302.4 are in units of pounds based on chemical toxicity, while the RQs in appendix B to table 302.4 are in units of curies based

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on radiation hazard. Whenever the RQs in table 302.4 and appendix B to the table are in conflict, the lowest RQ shall apply.

(b) *Unlisted hazardous substances.* Unlisted hazardous substances designated by 40 CFR 302.4(b) have the reportable quantity of 100 pounds, except for those unlisted hazardous wastes which exhibit extraction procedure (EP) toxicity identified in 40 CFR 261.24. Unlisted hazardous wastes which exhibit EP toxicity have the reportable quantities listed in table 302.4 for the contaminant on which the characteristic of EP toxicity is based. The reportable quantity applies to the waste itself, not merely to the toxic contaminant. If an unlisted hazardous waste exhibits EP toxicity on the basis of more than one contaminant, the reportable quantity for that waste shall be the lowest of the reportable quantities listed in table 302.4 for those contaminants. If an unlisted hazardous waste exhibits the characteristic of EP toxicity and one or more of the other characteristics referenced in 40 CFR 302.4(b), the reportable quantity for that waste shall be the lowest of the applicable reportable quantities.

[51 FR 34547, Sept. 29, 1987, as amended at 54 FR 22538, May 24, 1989]

§ 302.6 Notification requirements.

(a) Any person in charge of a vessel or an offshore or an onshore facility

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shall, as soon as he has knowledge of any release (other than a federally permitted release or application of a pesticide) of a hazardous substance from such vessel or facility in a quantity equal to or exceeding the reportable quantity determined by this part in any 24-hour period, immediately notify the National Response Center ((800) 424-8802; in Washington, DC (202) 426-2675).

(b) Releases of mixtures or solutions (including hazardous waste streams) of

(1) Hazardous substances, except for radionuclides, are subject to the following notification requirements:

(i) If the quantity of all of the hazardous constituent(s) of the mixture or solution is known, notification is required where an RQ or more of any hazardous constituent is released;

(ii) If the quantity of one or more of the hazardous constituent(s) of the mixture or solution is unknown, notification is required where the total amount of the mixture or solution released equals or exceeds the RQ for the hazardous constituent with the lowest RQ; or

(iii) For waste streams K169, K170, K171, K172, K174, and K175, knowledge of the quantity of all of the hazardous constituent(s) may be assumed, based on the following maximum observed constituent concentrations identified by EPA:

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Waste	Constituent	max ppm
K174	2,3,7,8-TCDD	0.000039
	1,2,3,7,8-PeCDD	0.0000108
	1,2,3,4,7,8-HxCDD	0.0000241
	1,2,3,6,7,8-HxCDD	0.000083
	1,2,3,7,8,9-HxCDD	0.000062
	1,2,3,4,6,7,8-HpCDD	0.00123
	OCDD	0.0129
	2,3,7,8-TCDF	0.000145
	1,2,3,7,8-PeCDF	0.0000777
	2,3,4,7,8-PeCDF	0.000127
	1,2,3,4,7,8-HxCDF	0.001425
	1,2,3,6,7,8-HxCDF	0.000281
	1,2,3,7,8,9-HxCDF	0.00014
	2,3,4,6,7,8-HxCDF	0.000648
K175	1,2,3,4,6,7,8-HpCDF	0.0207
	1,2,3,4,7,8,9-HpCDF	0.0135
	OCDF	0.212
	Mercury	9200

(2) Radionuclides are subject to this section's notification requirements only in the following circumstances:

(i) If the identity and quantity (in curies) of each radionuclide in a released mixture or solution is known, the ratio between the quantity released (in curies) and the RQ for the radionuclide must be determined for each radionuclide. The only such releases subject to this section's notification requirements are those in which the sum of the ratios for the radionuclides in the mixture or solution released is equal to or greater than one.

(ii) If the identity of each radionuclide in a released mixture or solution is known but the quantity released (in curies) of one or more of the radionuclides is unknown, the only such releases subject to this section's notification requirements are those in which the total quantity (in curies) of the mixture or solution released is equal to or greater than the lowest RQ of any individual radionuclide in the mixture or solution.

(iii) If the identity of one or more radionuclides in a released mixture or solution is unknown (or if the identity of a radionuclide released by itself is unknown), the only such releases subject to this section's notification requirements are those in which the total quantity (in curies) released is equal to or greater than either one curie or the lowest RQ of any known individual radionuclide in the mixture or solution, whichever is lower.

(c) The following categories of releases are exempt from the notification requirements of this section:

(1) Releases of those radionuclides that occur naturally in the soil from land holdings such as parks, golf courses, or other large tracts of land.

(2) Releases of naturally occurring radionuclides from land disturbance activities, including farming, construction, and land disturbance incidental to extraction during mining activities, except that which occurs at uranium, phosphate, tin, zircon, hafnium, vanadium, monazite, and rare earth mines. Land disturbance incidental to extraction includes: land clearing; overburden removal and stockpiling; excavating, handling, transporting, and storing ores and other raw (not beneficiated or processed) materials; and replacing in mined-out areas coal ash, earthen materials from farming or construction, or overburden or other raw materials generated from the exempted mining activities.

(3) Releases of radionuclides from the dumping and transportation of coal and coal ash (including fly ash, bottom ash, and boiler slags), including the dumping and land spreading operations that occur during coal ash uses.

(4) Releases of radionuclides from piles of coal and coal ash, including fly ash, bottom ash, and boiler slags.

(d) Except for releases of radionuclides, notification of the release of an RQ of solid particles of antimony, arsenic, beryllium, cadmium, chromium, copper, lead, nickel, selenium, silver, thallium, or zinc is not required if the mean diameter of the particles released is larger than 100 micrometers (0.004 inches).

[50 FR 13474, Apr. 4, 1985, as amended at 54 FR 22538, May 24, 1989; 54 FR 33481, Aug. 14, 1989; 63 FR 13475, Mar. 19, 1998; 63 FR 42189, Aug. 6, 1998; 64 FR 13114, Mar. 17, 1999; 65 FR 87132, Nov. 8, 2001]

§ 302.7 Penalties.

(a) Any person—

(1) In charge of a vessel from which a hazardous substance is released, other than a federally permitted release, into or upon the navigable waters of the United States, adjoining shorelines, or into or upon the waters of the contiguous zone,

(2) In charge of a vessel from which a hazardous substance is released, other than a federally permitted release,

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which may affect natural resources belonging to, appertaining to, or under the exclusive management authority of the United States (including resources under the Fishery Conservation and Management Act of 1976), and who is otherwise subject to the jurisdiction of the United States at the time of the release, or

(3) In charge of a facility from which a hazardous substance is released, other than a federally permitted release, in a quantity equal to or greater than that reportable quantity determined under this part who fails to notify immediately the National Response Center as soon as he has knowledge of such release shall be subject to all of the sanctions, including criminal penalties, set forth in section 103 of the Act with respect to such failure to notify.

(b) Notification received pursuant to this section or information obtained by the exploitation of such notification shall not be used against any such person in any criminal case, except a prosecution for perjury or for giving a false statement.

(c) This section shall not apply to the application of a pesticide product registered under the Federal Insecticide, Fungicide, and Rodenticide Act or to the handling and storage of such a pesticide product by an agricultural producer.

§ 302.8 Continuous releases.

(a) Except as provided in paragraph (c) of this section, no notification is required for any release of a hazardous substance that is, pursuant to the definitions in paragraph (b) of this section, continuous and stable in quantity and rate.

(b) *Definitions.* The following definitions apply to notification of continuous releases:

Continuous. A continuous release is a release that occurs without interruption or abatement or that is routine, anticipated, and intermittent and incidental to normal operations or treatment processes.

Normal range. The normal range of a release is all releases (in pounds or kilograms) of a hazardous substance reported or occurring over any 24-hour period under normal operating condi-

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tions during the preceding year. Only releases that are both continuous and stable in quantity and rate may be included in the normal range.

Routine. A routine release is a release that occurs during normal operating procedures or processes.

Stable in quantity and rate. A release that is stable in quantity and rate is a release that is predictable and regular in amount and rate of emission.

Statistically significant increase. A statistically significant increase in a release is an increase in the quantity of the hazardous substance released above the upper bound of the reported normal range of the release.

(c) *Notification.* The following notifications shall be given for any release qualifying for reduced reporting under this section:

(1) Initial telephone notification;

(2) Initial written notification within 30 days of the initial telephone notification;

(3) Follow-up notification within 30 days of the first anniversary date of the initial written notification;

(4) Notification of a change in the composition or source(s) of the release or in the other information submitted in the initial written notification of the release under paragraph (c)(2) of this section or the follow-up notification under paragraph (c)(3) of this section; and

(5) Notification at such times as an increase in the quantity of the hazardous substance being released during any 24-hour period represents a statistically significant increase as defined in paragraph (b) of this section.

(d) *Initial telephone notification.* Prior to making an initial telephone notification of a continuous release, the person in charge of a facility or vessel must establish a sound basis for qualifying the release for reporting under CERCLA section 103(f)(2) by:

(1) Using release data, engineering estimates, knowledge of operating procedures, or best professional judgment to establish the continuity and stability of the release;

(2) Reporting the release to the National Response Center for a period sufficient to establish the continuity and stability of the release; or

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(3) When a person in charge of the facility or vessel believes that a basis has been established to qualify the release for reduced reporting under this section, initial notification to the National Response Center shall be made by telephone. The person in charge must identify the notification as an initial continuous release notification report and provide the following information:

- (i) The name and location of the facility or vessel; and
- (ii) The name(s) and identity(ies) of the hazardous substance(s) being released.

(e) *Initial written notification.* Initial written notification of a continuous release shall be made to the appropriate EPA Regional Office for the geographical area where the releasing facility or vessel is located. (Note: In addition to the requirements of this part, releases of CERCLA hazardous substances are also subject to the provisions of SARA title III section 304, and EPA's implementing regulations codified at 40 CFR part 355, which require initial telephone and written notifications of continuous releases to be submitted to the appropriate State emergency response commission and local emergency planning committee.)

(1) Initial written notification to the appropriate EPA Regional Office shall occur within 30 days of the initial telephone notification to the National Response Center, and shall include, for each release for which reduced reporting as a continuous release is claimed, the following information:

(i) The name of the facility or vessel; the location, including the latitude and longitude; the case number assigned by the National Response Center or the Environmental Protection Agency; the Dun and Bradstreet number of the facility, if available; the port of registration of the vessel; the name and telephone number of the person in charge of the facility or vessel.

(ii) The population density within a one-mile radius of the facility or vessel, described in terms of the following ranges: 0–50 persons, 51–100 persons, 101–500 persons, 501–1,000 persons, more than 1,000 persons.

(iii) The identity and location of sensitive populations and ecosystems

within a one-mile radius of the facility or vessel (e.g., elementary schools, hospitals, retirement communities, or wetlands).

(iv) For each hazardous substance release claimed to qualify for reporting under CERCLA section 103(f)(2), the following information must be supplied:

(A) The name/identity of the hazardous substance; the Chemical Abstracts Service Registry Number for the substance (if available); and if the substance being released is a mixture, the components of the mixture and their approximate concentrations and quantities, by weight.

(B) The upper and lower bounds of the normal range of the release (in pounds or kilograms) over the previous year.

(C) The source(s) of the release (e.g., valves, pump seals, storage tank vents, stacks). If the release is from a stack, the stack height (in feet or meters).

(D) The frequency of the release and the fraction of the release from each release source and the specific period over which it occurs.

(E) A brief statement describing the basis for stating that the release is continuous and stable in quantity and rate.

(F) An estimate of the total annual amount that was released in the previous year (in pounds or kilograms).

(G) The environmental medium(s) affected by the release:

(1) If surface water, the name of the surface water body;

(2) If a stream, the stream order or average flowrate (in cubic feet/second) and designated use;

(3) If a lake, the surface area (in acres) and average depth (in feet or meters);

(4) If on or under ground, the location of public water supply wells within two miles.

(H) A signed statement that the hazardous substance release(s) described is(are) continuous and stable in quantity and rate under the definitions in paragraph (a) of this section and that all reported information is accurate and current to the best knowledge of the person in charge.

(f) *Follow-up notification.* Within 30 days of the first anniversary date of the initial written notification, the

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person in charge of the facility or vessel shall evaluate each hazardous substance release reported to verify and update the information submitted in the initial written notification. The follow-up notification shall include the following information:

(1) The name of the facility or vessel; the location, including the latitude and longitude; the case number assigned by the National Response Center or the Environmental Protection Agency; the Dun and Bradstreet number of the facility, if available; the port of registration of the vessel; the name and telephone number of the person in charge of the facility or vessel.

(2) The population density within a one-mile radius of the facility or vessel, described in terms of the following ranges: 0–50 persons, 51–100 persons, 101–500 persons, 501–1,000 persons, more than 1,000 persons.

(3) The identity and location of sensitive populations and ecosystems within a one-mile radius of the facility or vessel (e.g., elementary schools, hospitals, retirement communities, or wetlands).

(4) For each hazardous substance release claimed to qualify for reporting under CERCLA section 103(f)(2), the following information shall be supplied:

(i) The name/identity of the hazardous substance; the Chemical Abstracts Service Registry Number for the substance (if available); and if the substance being released is a mixture, the components of the mixture and their approximate concentrations and quantities, by weight.

(ii) The upper and lower bounds of the normal range of the release (in pounds or kilograms) over the previous year.

(iii) The source(s) of the release (e.g., valves, pump seals, storage tank vents, stacks). If the release is from a stack, the stack height (in feet or meters).

(iv) The frequency of the release and the fraction of the release from each release source and the specific period over which it occurs.

(v) A brief statement describing the basis for stating that the release is continuous and stable in quantity and rate.

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(vi) An estimate of the total annual amount that was released in the previous year (in pounds or kilograms).

(vii) The environmental medium(a) affected by the release:

(A) If surface water, the name of the surface water body;

(B) If a stream, the stream order or average flowrate (in cubic feet/second) and designated use;

(C) If a lake, the surface area (in acres) and average depth (in feet or meters);

(D) If on or under ground, the location of public water supply wells within in two miles.

(viii) A signed statement that the hazardous substance release(s) is(are) continuous and stable in quantity and rate under the definitions in paragraph (a) of this section and that all reported information is accurate and current to the best knowledge of the person in charge.

(g) *Notification of changes in the release.* If there is a change in the release, notification of the change, not otherwise reported, shall be provided in the following manner:

(1) *Change in source or composition.* If there is any change in the composition or source(s) of the release, the release is a new release and must be qualified for reporting under this section by the submission of initial telephone notification and initial written notification in accordance with paragraphs (c) (1) and (2) of this section as soon as there is a sufficient basis for asserting that the release is continuous and stable in quantity and rate;

(2) *Change in the normal range.* If there is a change in the release such that the quantity of the release exceeds the upper bound of the reported normal range, the release must be reported as a statistically significant increase in the release. If a change will result in a number of releases that exceed the upper bound of the normal range, the person in charge of a facility or vessel may modify the normal range by:

(i) Reporting at least one statistically significant increase report as required under paragraph (c)(7) of this section and, at the same time, informing the National Response Center of the change in the normal range; and

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(ii) Submitting, within 30 days of the telephone notification, written notification to the appropriate EPA Regional Office describing the new normal range, the reason for the change, and the basis for stating that the release in the increased amount is continuous and stable in quantity and rate under the definitions in paragraph (b) of this section.

(3) *Changes in other reported information.* If there is a change in any information submitted in the initial written notification or the followup notification other than a change in the source, composition, or quantity of the release, the person in charge of the facility or vessel shall provide written notification of the change to the EPA Region for the geographical area where the facility or vessel is located, within 30 days of determining that the information submitted previously is no longer valid. Notification shall include the reason for the change, and the basis for stating that the release is continuous and stable under the changed conditions.

(4) Notification of changes shall include the case number assigned by the National Response Center or the Environmental Protection Agency and also the signed certification statement required at (c)(2)(xi) of this section.

(h) *Notification of a statistically significant increase in a release.* Notification of a statistically significant increase in a release shall be made to the National Response Center as soon as the person in charge of the facility or vessel has knowledge of the increase. The release must be identified as a statistically significant increase in a continuous release. A determination of whether an increase is a "statistically significant increase" shall be made based upon calculations or estimation procedures that will identify releases that exceed the upper bound of the reported normal range.

(i) *Annual evaluation of releases.* Each hazardous substance release shall be evaluated annually to determine if changes have occurred in the information submitted in the initial written notification, the followup notification,

and/or in a previous change notification.

(j) *Use of the SARA Title III section 313 form.* In lieu of an initial written report or a followup report, owners or operators of facilities subject to the requirements of SARA title III section 313 may submit to the appropriate EPA Regional Office for the geographical area where the facility is located, a copy of the Toxic Release Inventory form submitted under SARA Title III section 313 the previous July 1, provided that the following information is added:

(1) The population density within a one-mile radius of the facility or vessel, described in terms of the following ranges: 0–50 persons, 51–100 persons, 101–500 persons, 501–1,000 persons, more than 1,000 persons.

(2) The identity and location of sensitive populations and ecosystems within a one-mile radius of the facility or vessel (e.g., elementary schools, hospitals, retirement communities, or wetlands).

(3) For each hazardous substance release claimed to qualify for reporting under CERCLA section 103(f)(2), the following information must be supplied:

(i) The upper and lower bounds of the normal range of the release (in pounds or kilograms) over the previous year.

(ii) The frequency of the release and the fraction of the release from each release source and the specific period over which it occurs.

(iii) A brief statement describing the basis for stating that the release is continuous and stable in quantity and rate.

(iv) A signed statement that the hazardous substance release(s) is(are) continuous and stable in quantity and rate under the definitions in paragraph (b) of this section and that all reported information is accurate and current to the best knowledge of the person in charge.

(k) *Documentation supporting notification.* Where necessary to satisfy the requirements of this section, the person in charge may rely on recent release data, engineering estimates, the operating history of the facility or vessel,

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or other relevant information to support notification. All supporting documents, materials, and other information shall be kept on file at the facility, or in the case of a vessel, at an office within the United States in either a port of call, a place of regular berthing, or the headquarters of the business operating the vessel. Supporting materials shall be kept on file for a period of one year and shall substantiate the reported normal range of releases, the basis for stating that the release is continuous and stable in quantity and rate, and the other information in the initial written report, the followup report, and the annual evaluations required under paragraphs (e), (f), and (i), respectively. Such information shall be made available to EPA upon request as necessary to enforce the requirements of this section.

(l) *Multiple concurrent releases.* Multiple concurrent releases of the same substance occurring at various locations with respect to contiguous plants or installations upon contiguous grounds that are under common ownership or control may be considered separately or added together in determining whether such releases constitute a continuous release or a statistically significant increase under the definitions in paragraph (b) of this section; whichever approach is elected for purposes of determining whether a release is continuous also must be used to determine a statistically significant increase in the release.

(m) *Penalties for failure to comply.* The reduced reporting requirements provided for under this section shall apply only so long as the person in charge complies fully with all requirements of paragraph (c) of this section. Failure to comply with respect to any release from the facility or vessel shall subject the person in charge to all of the reporting requirements of §302.6 for each such release, to the penalties under §302.7, and to any other applicable penalties provided for by law.

[55 FR 30185, July 24, 1990]

PART 303—CITIZEN AWARDS FOR INFORMATION ON CRIMINAL VIOLATIONS UNDER SUPERFUND**Subpart A—General**

Sec.

303.10 Purpose.

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Subpart B—Eligibility to File a Claim for Award and Determination of Eligibility and Amount of Award

303.20 Eligibility to file a claim for award.

303.21 Determination of eligibility and amount of award.

Subpart C—Criteria for Payment of Award

303.30 Criteria for payment of award.

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303.33 Filing a claim.

AUTHORITY: 42 U.S.C. 9609(d), Executive Order No. 12580.

SOURCE: 54 FR 26143, June 21, 1989, unless otherwise noted.

Subpart A—General**§ 303.10 Purpose.**

This regulation implements the “citizen award” authority granted by Congress to the President in the 1986 Amendments to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), section 109(d). As authorized in the Superfund Amendments and Reauthorization Act of 1986 (SARA) section 109(c) and Executive Order No. 12580 (issued by the President on January 23, 1987), the Environmental Protection Agency is empowered to pay up to \$10,000.00 from the Superfund to any individual who provides information leading to the arrest and conviction of any person for a violation subject to a criminal penalty under CERCLA as amended.

§ 303.11 Definitions.

(a) Arrest. Restraint of an arrestee's liberty or the equivalent through the service of judicial process compelling